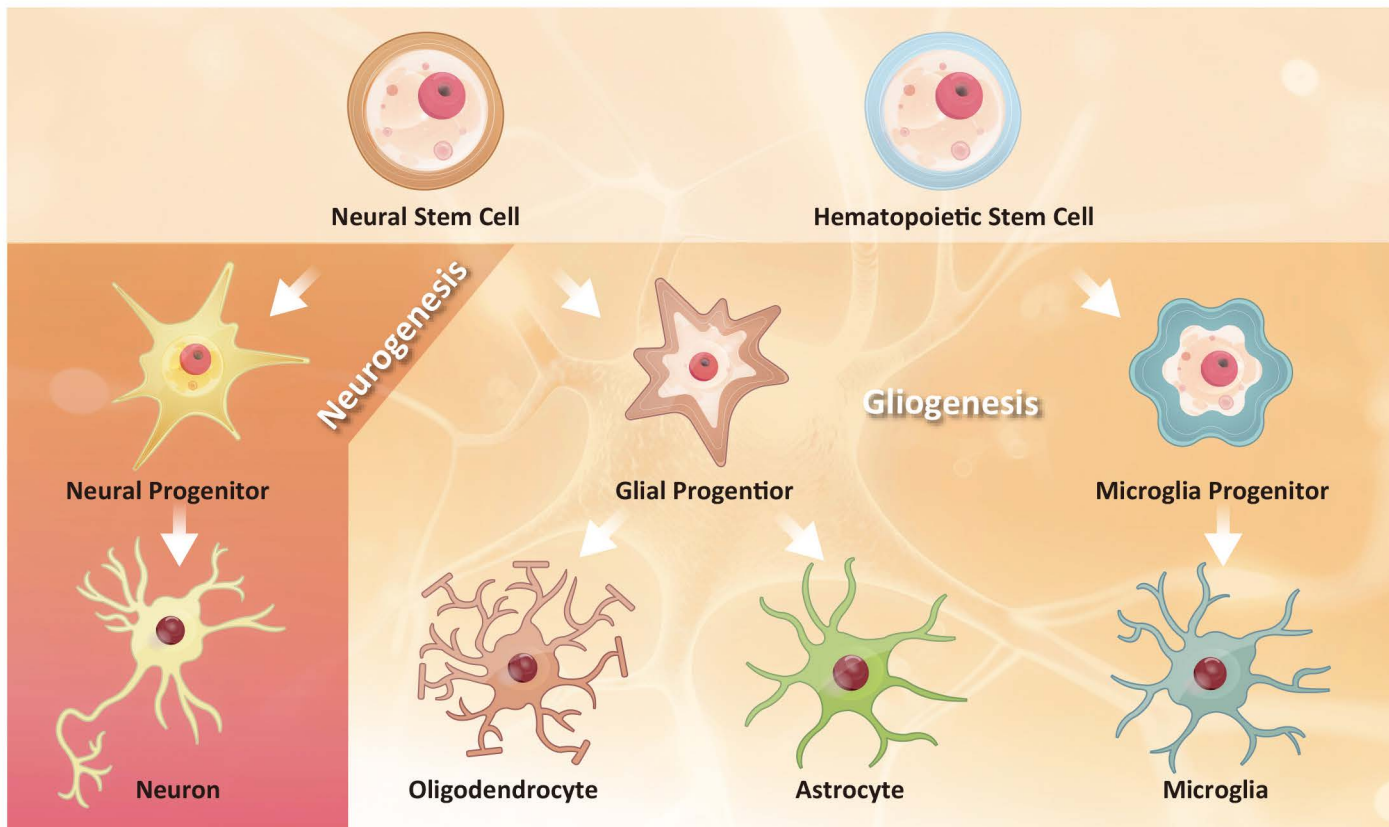
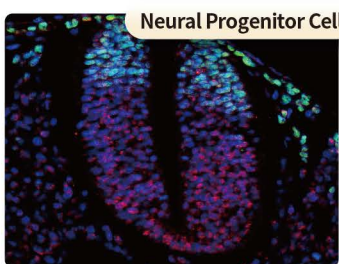


# Neural Markers

- Your Expertise
- Our Antibodies
- Accelerated Discovery

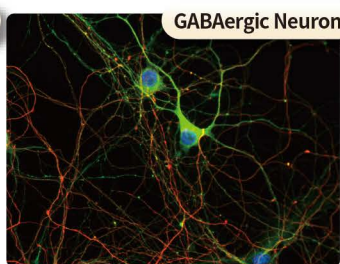


 Citation Support  
  Recombinant  
  KO/KD Validation  
  Comparable Abs  
  Orthogonal Validation  
  Protein Overexpression



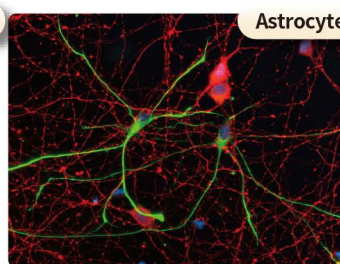
Neural Progenitor Cell

PAX3 antibody [HL160]  
(GTX635463)  



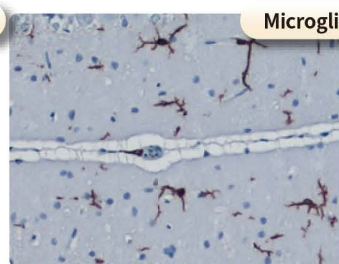
GABAergic Neuron

GAD65 + GAD67 antibody [HL1181]  
(GTX636487)  



Astrocyte

GFAP antibody [HL1308]  
(GTX636726) 





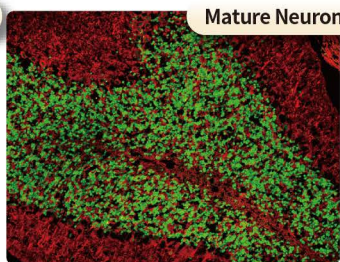
Microglia

Iba1 antibody [HL22]  
(GTX635363)    




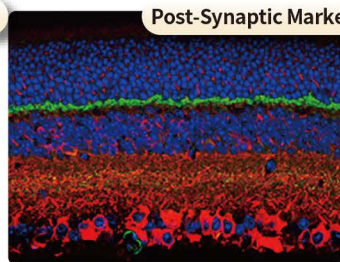
Oligodendrocyte

OLIG2 antibody [HL1072]  
(GTX636104)  



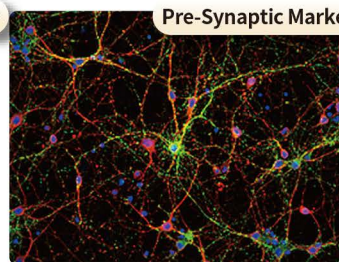
Mature Neuron

NeuN antibody  
(GTX132974) 





Post-Synaptic Marker

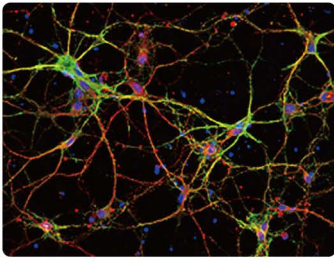
PSD95 antibody  
(GTX133091) 



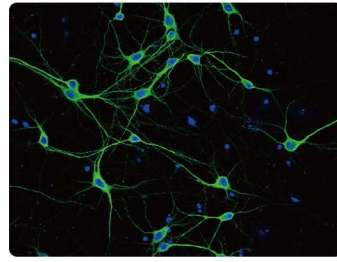
Pre-Synaptic Marker

Synaptophysin antibody  
(GTX100865)  

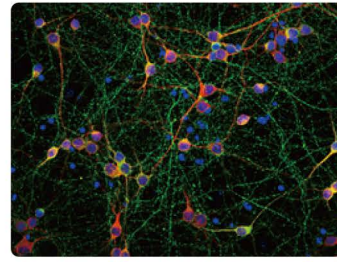




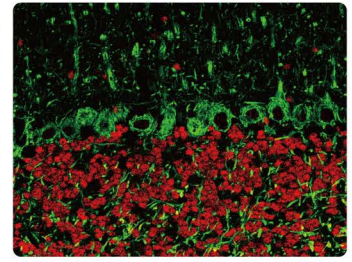
NCAM antibody  
(GTX133217)



MAP2 antibody  
(GTX133109)



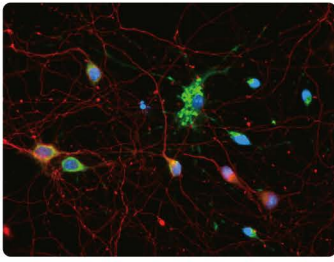
Tau antibody  
(GTX130462)



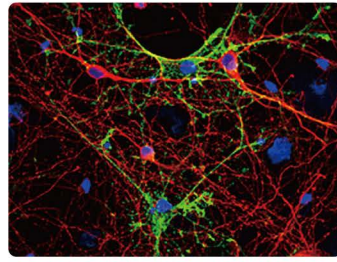
NF-H antibody [GT114]  
(GTX634289)

	Cat. No.	Product Name	Clonality	Reactivity	Applications
Neural Progenitor	GTX129189	ASCL1 antibody	Rb pAb	Hu,Rat,Dog	WB, ICC/IF, IHC-P
	GTX633391	BRG1 antibody [GT2712]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX132121	BRG1 antibody	Rb pAb	Hu	WB, ICC/IF
	GTX114650	Brn2 antibody	Rb pAb	Hu,Ms,Rat,Chmp	WB, ICC/IF, IHC-P, IHC-Fr, IP, ChIP assay, IHC
	GTX133272	CASPR antibody	Rb pAb	Ms,Rat	WB, IHC-P
	GTX121467	FABP7 antibody [N1C3]	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-Fr
	GTX634485	Musashi 1 antibody [GT2377]	Ms mAb	Hu,Ms	WB
	GTX101540	Musashi 1 antibody [N3C3]	Rb pAb	Hu,Ms	WB, ICC/IF, IHC-Fr, IP
	GTX117808	Musashi 2 antibody [N1C1]	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IP
	GTX127345	N-Cadherin antibody	Rb pAb	Hu,Ms,Rat,Mk	WB, ICC/IF, IHC-P, IHC-Fr
	GTX630201	Nestin antibody [GT623]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX116066	Nestin antibody	Rb pAb	Hu,Rb	WB, ICC/IF
	GTX114949	Occludin antibody	Rb pAb	Hu,Ms,Rat,Mk	WB, ICC/IF, IHC-P, IHC-Fr
	GTX635463	PAX3 antibody [HL160]	Rb Rec mAb	Hu,Ms	WB, IHC-P
	GTX634390	PAX3 antibody [GT1210]	Ms mAb	Hu	WB, IHC-P
	GTX634863	PAX6 antibody [GT9412]	Ms mAb	Hu,Ms,Rat	WB, IHC-P
	GTX113241	PAX6 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IP
	GTX627404	SOX2 antibody [GT1876]	Ms mAb	Hu,Ms,Rat,Zfsh	WB, ICC/IF, IHC-P, IHC-Fr, FACS, IP
	GTX101507	SOX2 antibody [N1C3]	Rb pAb	Hu,Ms,Rat,Frg, Ceratotherium simum	WB, ICC/IF, IHC-P, IHC-Fr, FACS, IP
	Immature Neuron	GTX134052	Doublecortin antibody	Rb pAb	Hu,Ms,Rat
GTX634792		NCAM antibody [GT135]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
GTX133217		NCAM antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-P
GTX134069		NeuroD1 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
GTX133249		NSE antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
GTX101553		NSE antibody [N1C1]	Rb pAb	Hu,Ms,Rat	WB, IHC-P, IHC-Fr
GTX104707		Stathmin 1 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
GTX133228		TBR1 antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-P
Mature Neuron	GTX130053	alpha Internexin antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IP
	GTX133356	alpha Internexin antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX631836	beta Tubulin 3/ Tuj1 antibody [GT11710]	Ms mAb	Hu,Ms,Rat,Fish	WB, ICC/IF, IHC-P, IHC-Fr, IP
	GTX631831	beta Tubulin 3/ Tuj1 antibody [GT1338]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX130245	beta Tubulin 3/ Tuj1 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IP
	GTX127937	GAP43 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX634471	MAP2 antibody [GT378]	Ms mAb	Ms,Rat	WB, ICC/IF, IHC-P
	GTX634473	MAP2 antibody [GT925]	Ms mAb	Ms,Rat	WB, ICC/IF, IHC-P
	GTX133109	MAP2 antibody	Rb pAb	Hu,Ms,Rat,Fish	WB, ICC/IF, IHC-P, IHC-Fr
	GTX132974	NeuN antibody	Rb pAb	Ms,Rat,Fish	WB, ICC/IF, IHC-P, IHC-Fr
	GTX133127	NeuN antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX634289	NF-H antibody [GT114]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX110065	NF-H antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX101142	NF-L antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, ELISA, Sandwich ELISA
	GTX634483	NF-M antibody [GT883]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IHC
	GTX133215	NF-M antibody	Rb pAb	Ms,Rat	WB, IHC-P, IHC-Fr
	GTX634291	PSD95 antibody [GT1234]	Ms mAb	Ms,Rat	WB, ICC/IF
	GTX133091	PSD95 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX633972	Synaptophysin antibody [GT2589]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX100865	Synaptophysin antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IHC-Wm
	GTX634809	Tau antibody [GT287]	Ms mAb	Ms,Rat	WB, ICC/IF
	GTX130462	Tau antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IHC
	GTX130456	Tau (phospho Ser198) antibody	Rb pAb	Hu,Ms,Rat	WB
GTX24858	Tau (phospho Ser396) antibody	Rb pAb	Hu,Ms,Rat,Bov	WB, IHC-P, ELISA, IHC, Neutralizing/ Inhibition, IHC (Free Floating)	
GTX86147	Tau (phospho Ser422) antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-P	

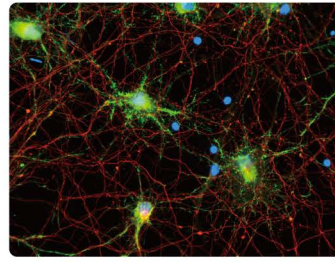




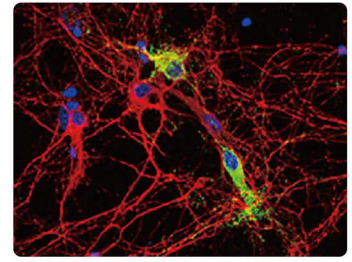
Myelin basic protein antibody [HL1033] (GTX635873)



Aquaporin 4 antibody (GTX133151)



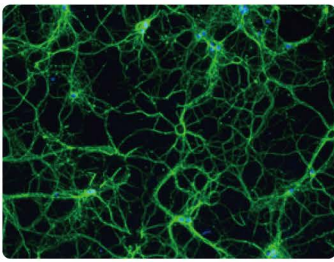
iNOS antibody [HL1213] (GTX636531)



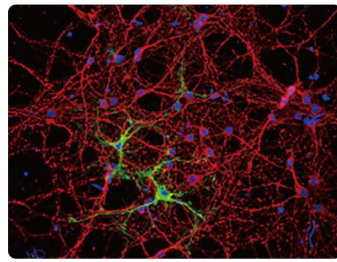
MOG antibody [C2C3], C-term (GTX106283)

	Cat. No.	Product Name	Clonality	Reactivity	Applications
Interneuron	GTX130856	Calbindin antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX634833	Calbindin antibody [GT386]	Ms mAb	Ms,Rat	WB, IHC-P, IHC (Free Floating)
	GTX103261	Calretinin antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX133138	Neuropeptide Y antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX133219	Nkx2.2 antibody	Rb pAb	Rat	WB, ICC/IF, IHC-Fr
	GTX133220	Nkx2.2 antibody	Rb pAb	Hu	WB
	GTX134110	Parvalbumin antibody	Rb pAb	Ms,Rat	WB, IHC-Fr
	GTX133119	Somatostatin antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX636297	Somatostatin antibody [HL1101]	Rb Rec mAb	Ms,Rat	WB, ICC/IF, IHC-P
	GTX129461	VIP antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
Microglia	GTX637294	C1qA antibody [HL1695]	Rb Rec mAb	Hu	WB
	GTX134007	C1qA antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX628077	CD11b antibody [GT0001]	Ms mAb	Hu	FACS
	GTX134493	CD11b antibody	Rb pAb	Ms,Rat	WB, IHC-P
	GTX628507	CD45RA antibody [GT0014]	Ms mAb	Hu,Rb	WB, ICC/IF, FACS
	GTX116018	CD45 antibody	Rb pAb	Hu,Ms,Rat,Rb	WB, ICC/IF, FACS
	GTX101895	F4/80 antibody [C2C3], C-term	Rb pAb	Hu,Ms,Rat	WB, IHC-P
	GTX635363	Iba1 antibody [HL22]	Rb Rec mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX635399	Iba1 antibody [HL22-MS]	Ms Rec mAb	Hu,Ms,Rat	WB, IHC-P, IHC-Fr
	GTX635400	Iba1 antibody [HL22-RT]	Rat Rec mAb	Hu,Ms,Rat	WB, IHC-P, IHC-Fr
	GTX100042	Iba1 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, FACS, IHC, IHC (Free Floating)
	GTX636531	iNOS antibody [HL1213]	Rb Rec mAb	Ms,Rat	WB, ICC/IF, IHC-P
	GTX130246	iNOS antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-P
	GTX134087	TMEM119 antibody	Rb pAb	Ms	IHC-P, IHC-Fr
	Oligodendrocyte	GTX103954	CNPase antibody	Rb pAb	Hu,Ms,Rat
GTX114542		MAG antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-P, IHC-Fr
GTX106283		MOG antibody [C2C3], C-term	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-Fr
GTX635873		Myelin basic protein antibody [HL1033]	Rb Rec mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
GTX634292		Myelin basic protein antibody [GT3412]	Ms mAb	Ms,Rat	WB, IHC-P, IHC-Fr
GTX133108		Myelin basic protein antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IHC, IHC (Free Floating)
GTX104823		OLIG1 antibody [C2C3], C-term	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-Fr
GTX636104		OLIG2 antibody [HL1072]	Rb Rec mAb	Ms,Rat	ICC/IF, IHC-P, IHC-Fr
GTX132732		OLIG2 antibody	Rb pAb	Hu,Ms,Rat,Pig	WB, ICC/IF, IHC-P, IHC-Fr
GTX114599		OMG antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-P
Astrocyte	GTX131047	ALDH1L1 antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-Fr
	GTX102284	Aldolase C antibody [N1C1]	Rb pAb	Hu,Ms,Rat	WB, IHC-Fr
	GTX133151	Aquaporin 4 antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IHC (Free Floating)
	GTX106424	Coronin 1A antibody [C3], C-term	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX106469	Coronin 1C antibody [C3], C-term	Rb pAb	Hu,Ms	WB, ICC/IF, IHC-P
	GTX134059	EAAT1 antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-P, IHC-Fr
	GTX134062	EAAT2 antibody	Rb pAb	Ms,Rat	WB, IHC-P
	GTX134097	EAAT4 antibody	Rb pAb	Ms,Rat	WB, IHC-P
	GTX134100	EAAT4 antibody	Rb pAb	Ms,Rat	ICC/IF, IHC-P, IHC-Fr
	GTX636725	GFAP antibody [HL1307]	Rb Rec mAb	Hu,Ms,Rat	WB, IHC-P, IHC-Fr
	GTX636726	GFAP antibody [HL1308]	Rb Rec mAb	Ms,Rat	ICC/IF, IHC-P, IHC-Fr
	GTX108711	GFAP antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IHC
	GTX630654	Glutamine synthetase antibody [GT1055]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX630657	Glutamine synthetase antibody [GT7711]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-Fr
	GTX109121	Glutamine synthetase antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IP, IHC
GTX636979	IGFBP3 antibody [HL1505]	Rb Rec mAb	Hu	WB	
GTX100454	IGFBP3 antibody [N2C3]	Rb pAb	Hu,Ms,Rat	WB, IHC-P, IHC-Fr	
GTX129573	S100 beta antibody	Rb pAb	Hu,Ms,Rat,Squirrel	WB, ICC/IF, IHC-P, IHC-Fr	

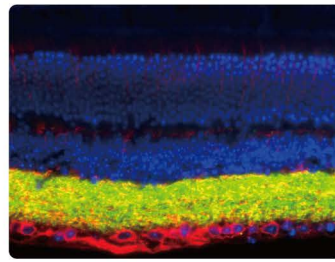




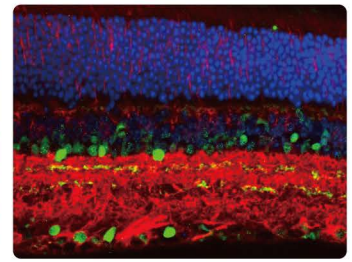
beta Tubulin 3/ Tuj1 antibody  
[GT11710] (GTX631836)



Glutamine synthetase antibody  
(GTX109121)



VGAT antibody [HL1616]  
(GTX637107)



Choline Acetyltransferase antibody  
[N1N3] (GTX113164)

	Cat. No.	Product Name	Clonality	Reactivity	Applications
Cholinergic Neuron	GTX636298	AChE antibody [HL1102]	Rb Rec mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX101648	AChE antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX113653	AChR alpha 4 antibody [N1C1]	Rb pAb	Hu,Ms,Hm	WB, IHC-P
	GTX113654	AChR beta 2 antibody [N1C1]	Rb pAb	Ms,Rat	WB, IHC-P
	GTX113164	Choline Acetyltransferase antibody [N1N3]	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX111637	mAChR M3 antibody	Rb pAb	Hu,Ms	WB, ICC/IF, FACS
	GTX133251	Vesicular Acetylcholine Transporter antibody	Rb pAb	Ms,Rat	WB, IHC-P, IHC-Fr
Dopaminergic Neuron	GTX133336	DARPP-32 antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-Fr
	GTX133350	DARPP-32 antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX55025	DARPP-32 (phospho Thr34) antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX636467	Dopamine beta Hydroxylase antibody [HL1163]	Rb Rec mAb	Hu	WB
	GTX101616	Dopamine beta Hydroxylase antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-P
	GTX133152	Dopamine Transporter antibody	Rb pAb	Hu,Ms,Rat,Zfsh	WB, ICC/IF, IHC-P
	GTX100309	FOXA2 antibody	Rb pAb	Hu,Ms	ICC/IF, IHC-Fr
	GTX129831	LMX1B antibody	Rb pAb	Ms,Rat	WB, IHC-Fr
	GTX133225	Nurr1 antibody	Rb pAb	Ms,Rat	WB
	GTX634481	Tyrosine Hydroxylase antibody [GT234]	Ms mAb	Ms,Rat	WB, ICC/IF, IHC-P
GABAergic Neuron	GTX102424	Tyrosine Hydroxylase antibody [N1C1]	Rb pAb	Hu,Ms,Rat,Zfsh	WB, ICC/IF, IHC-P, IHC-Fr, IHC-Wm
	GTX113016	Tyrosine Hydroxylase antibody	Rb pAb	Hu,Ms,Rat,Vole,Calf	WB, ICC/IF, IHC-P, IHC-Fr
	GTX125988	GABA antibody	Rb pAb	Hu,Ms,Rat,Dm	ICC/IF, IHC-P, IHC-Fr, Dot, IHC
	GTX133150	GABA Transporter 1 / GAT1 antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX636493	GAD65 antibody [HL1187]	Rb Rec mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX636279	GAD67 antibody [HL1095]	Rb Rec mAb	Hu,Ms,Rat	WB, ICC/IF
	GTX101881	GAD67 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IHC (Free Floating)
	GTX636487	GAD65 + GAD67 antibody [HL1181]	Rb Rec mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX637107	VGAT antibody [HL1616]	Rb Rec mAb	Hu,Ms	WB, IHC-P
	Glutamatergic Neuron	GTX632265	Glutaminase C (GAC) antibody [GT1075]	Ms mAb	Hu
GTX632317		Glutaminase C (GAC) antibody [GT3211]	Ms mAb	Hu,Ms	WB, ICC/IF, IHC-P
GTX131263		Glutaminase C (GAC) antibody	Rb pAb	Hu,Ms	WB, ICC/IF, IHC-P, IP
GTX630654		Glutamine synthetase antibody [GT1055]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
GTX109121		Glutamine synthetase antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IP, IHC
GTX133097		NMDAR1 antibody	Rb pAb	Ms,Rat,Dog	WB, ICC/IF, IHC-P, IHC-Fr
GTX50168		NMDAR1 (phospho Ser896) antibody	Rb pAb	Ms	WB
GTX103558		NMDAR2A antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
GTX134064		NMDAR2A antibody	Rb pAb	Ms,Rat	WB, ICC/IF
GTX130184		NMDAR2B antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-P
GTX109713		NMDAR2B antibody [C2C3], C-term	Rb pAb	Hu,Ms,Rat	WB, ICC/IF
GTX130183		NMDAR2B (phospho Tyr1472) antibody	Rb pAb	Ms,Rat	WB
GTX133148		VGLUT1 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
Serotonergic Neuron	GTX133142	VGLUT2 antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-Fr, IHC (Free Floating)
	GTX31099	Serotonin antibody [5-HT-H209]	Ms mAb	Species independent	ICC/IF, IHC-P, IHC-Fr, IHC-Wm, IHC
	GTX133101	Serotonin Transporter antibody	Rb pAb	Rat	ICC/IF
	GTX31103	Serotonin Transporter antibody, Internal	Goat pAb	Hu,Rat	WB, ICC/IF
	GTX66644	TPH1 antibody	Rb pAb	Hu	WB, IHC-P
GTX101962	TPH2 antibody [N3C3]	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P	