

## FABP4 antibody [N3C3]

**Cat. No. GTX116036**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, ELISA
<b>Reactivity</b>	Human, Mouse

References ( 6 )

Package

100 µl, 25 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	Assay dependent
ELISA	Assay dependent

Not tested in other applications.

**Calculated MW** 15 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 1% BSA, 20% Glycerol
<b>Preservative</b>	0.025% ProClin 300
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	0.19 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human FABP4. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated



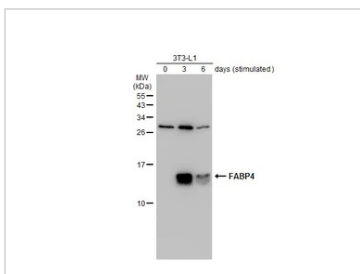
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#### Note

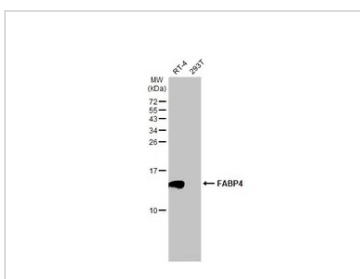
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#### DATA IMAGES



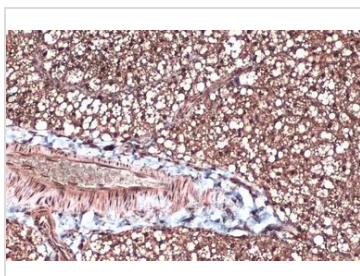
#### GTX116036 WB Image

Unstimulated and stimulated 3T3-L1 whole cell extracts (20 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with FABP4 antibody [N3C3] (GTX116036) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. (The differentiation stimulated medium is composed by basal medium, 10% FBS, 50 µg/ml gentamicin, 1 nM L-glutamin, 500 µM IBMX, 1 µM dexamethasone, 2 µM rosiglitazone and 1 µg/ml insulin.)



#### GTX116036 WB Image

Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with FABP4 antibody [N3C3] (GTX116036) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

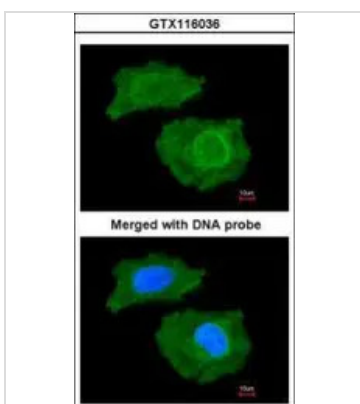


#### GTX116036 IHC-P Image

FABP4 antibody [N3C3] detects FABP4 protein at cytoplasm and nucleus by immunohistochemical analysis. Sample: Paraffin-embedded mouse brown adipocyte.

FABP4 stained by FABP4 antibody [N3C3] (GTX116036) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



#### GTX116036 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using FABP4(GTX116036) antibody at 1:200 dilution.



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