

Glutaminase C (GAC) antibody

Cat. No. GTX131263

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IP
Reactivity	Human, Mouse

References (5)

★★★★☆ Review (1)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IP	1:100-1:500

Not tested in other applications.

Calculated MW 65 kDa. ([Note](#))**Product Note** Specific for GAC but not KGA isoform

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	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.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human Glutaminase C (GAC). The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



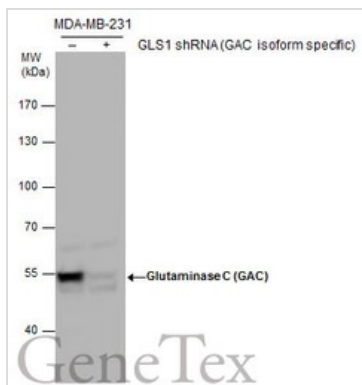
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Note

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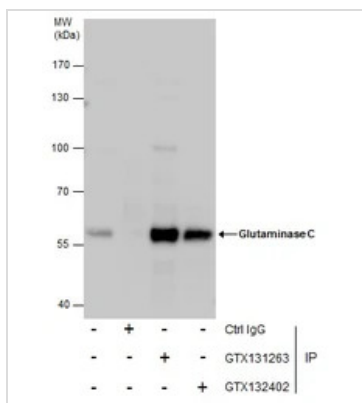
DATA IMAGES



GTK131263 WB Image

Glutaminase C (GAC) antibody validation by shRNA knock-down. Non-transfected (-) and GLS1(GAC isoform specific) shRNA-transfected MDA-MB-231 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Glutaminase C (GAC) antibody (GTK131263) at a dilution of 1:5000.

This antibody specifically recognizes GAC but not the KGA isoform

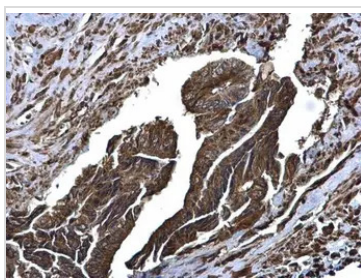


GTK131263 IP Image

Immunoprecipitation of Glutaminase C protein from MDA-MB-231 whole cell extracts using 5 µg of Glutaminase C antibody (GTK131263) or Glutaminase C antibody (GTK132402).

Western blot analysis was performed using Glutaminase C antibody (GTK131263).

EasyBlot anti-Rabbit IgG (GTK221666-01) was used as a secondary reagent.



GTK131263 IHC-P Image

Glutaminase C antibody detects Glutaminase C protein at cytoplasm on human colon carcinoma by immunohistochemical analysis.

Sample: Paraffin-embedded human colon carcinoma.

Glutaminase C antibody (GTK131263) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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