

Glutaminase C (GAC) antibody

Cat. No. GTX132402

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

Package
100 µl, 25 µl

APPLICATION

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	0.96 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

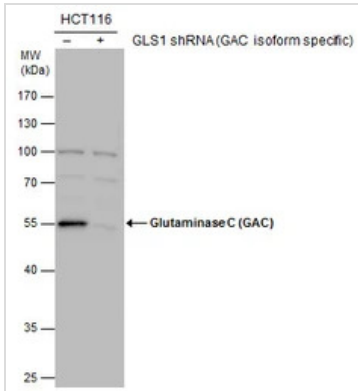


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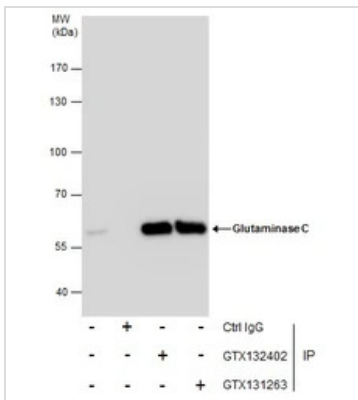
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Note

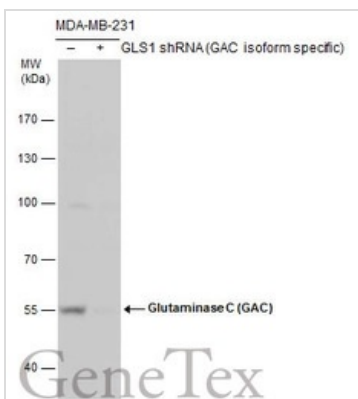
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DATA IMAGES

GTX132402 WB Image

Glutaminase C (GAC) antibody validation by shRNA knock-down. Non-transfected (-) and GLS1(GAC isoform specific) shRNA-transfected HCT116 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Glutaminase C (GAC) antibody (GTX132402) at a dilution of 1:5000.


GTX132402 IP Image

Immunoprecipitation of Glutaminase C protein from MDA-MB-231 whole cell extracts using 5 µg of Glutaminase C antibody (GTX132402) or Glutaminase C antibody (GTX131263). Western blot analysis was performed using Glutaminase C antibody (GTX132402). EasyBlot anti-Rabbit IgG (GTX221666-01) was used as a secondary reagent.


GTX132402 WB Image

Glutaminase 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 antibody (GTX132402) diluted by 1:5000. This antibody specifically recognizes GAC but not the KGA isoform



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