

# Glutaminase C (GAC) antibody

**Cat. No. GTX131263**

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

References ( 6 )

★★★★☆ 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

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

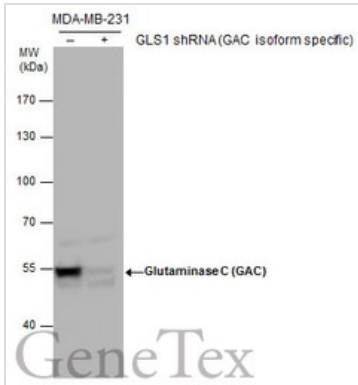


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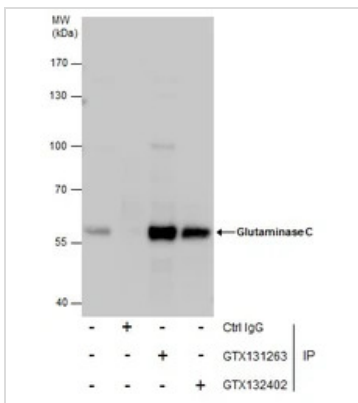
**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTX131263 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 (GTX131263) at a dilution of 1:5000.

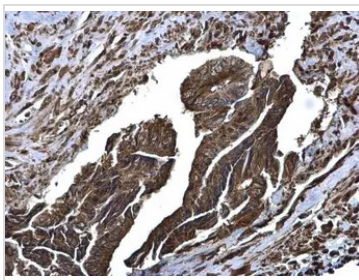
This antibody specifically recognizes GAC but not the KGA isoform


**GTX131263 IP Image**

Immunoprecipitation of Glutaminase C protein from MDA-MB-231 whole cell extracts using 5 µg of Glutaminase C antibody (GTX131263) or Glutaminase C antibody (GTX132402).

Western blot analysis was performed using Glutaminase C antibody (GTX131263).

EasyBlot anti-Rabbit IgG (GTX221666-01) was used as a secondary reagent.


**GTX131263 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 (GTX131263) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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