

Datasheet for ABIN5708465

**anti-GDA antibody**

3 Images

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## Overview

Quantity:	100 µg
Target:	GDA
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	A recombinant human protein corresponding to amino acids E220-Q446 was used as the immunogen for the GDA antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

## Target Details

Target:	GDA
Alternative Name:	GDA / Guanine deaminase ( <a href="#">GDA Products</a> )
Background:	Guanine deaminase also known as cypin, guanase, guanine aminase, GAH, and guanine aminohydrolase is an aminohydrolase enzyme which converts guanine to xanthine. This gene is mapped to 9q21.13. Studies in rat ortholog suggest this gene plays a role in microtubule assembly. Multiple transcript variants encoding different isoforms have been found for this gene.

## Target Details

UniProt: [Q9Y2T3](#)

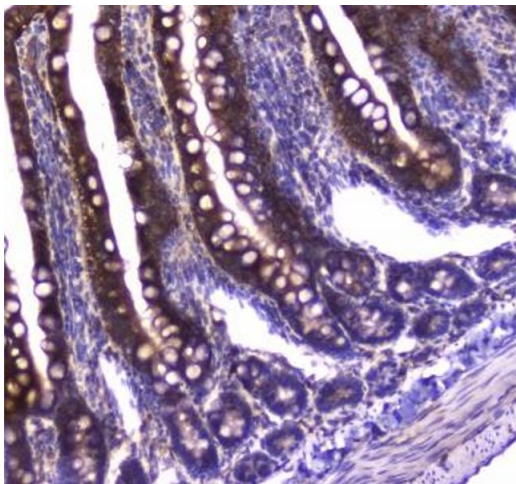
## Application Details

Application Notes:	Optimal dilution of the GDA antibody should be determined by the researcher.\. Western blot: 0.5-1 µg/mL, IHC (FFPE): 1-2 µg/mL, Direct ELISA: 0.1-0.5 µg/mL
Restrictions:	For Research Use only

## Handling

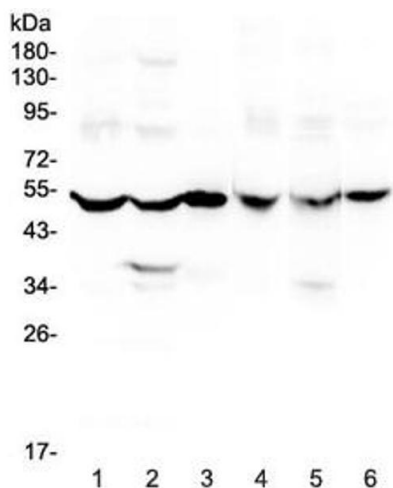
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the GDA antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

## Images



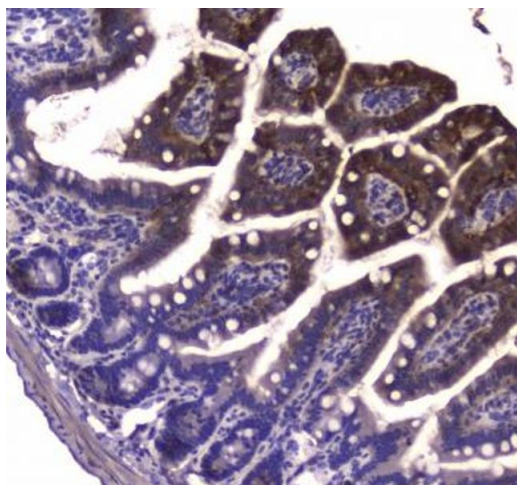
### Immunohistochemistry

**Image 1.** IHC testing of FFPE rat small intestine tissue with GDA antibody at 1 µg/mL. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



### Western Blotting

**Image 2.** Western blot testing of rat 1) brain, 2) liver, 3) small intestine and mouse 4) brain, 5) liver and 6) small intestine lysate with GDA antibody at 0.5 µg/mL. Predicted molecular weight ~51 kDa.



#### Immunohistochemistry

**Image 3.** IHC testing of FFPE mouse small intestine tissue with GDA antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.