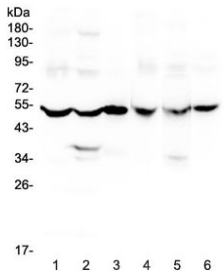
GDA Antibody / Guanine deaminase (RQ4319)

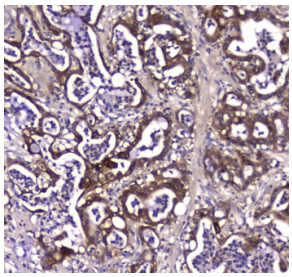
Catalog No.	Formulation	Size
RQ4319	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

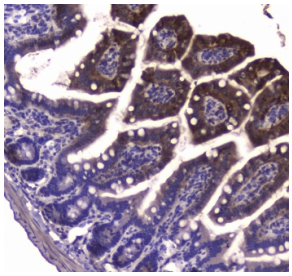
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9Y2T3
Localization	Cytoplasm, secreted
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 1-2ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This GDA antibody is available for research use only.



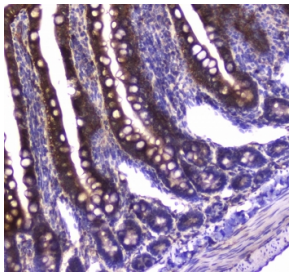
Western blot testing of rat 1) brain, 2) liver, 3) small intestine and mouse 4) brain, 5) liver and 6) small intestine lysate with GDA antibody at 0.5ug/ml. Predicted molecular weight ~51 kDa.



IHC testing of FFPE human colon cancer 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.



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.



IHC testing of FFPE rat 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.

Description

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.

Application Notes

Optimal dilution of the GDA antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids E220-Q446 was used as the immunogen for the GDA antibody.

Storage

After reconstitution, the GDA antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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