ARG59192
anti-GDA antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GDA
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GDA
Species	Human
Immunogen	Recombinant protein corresponding to E220-Q446 of Human GDA.
Conjugation	Un-conjugated
Alternate Names	Guanine aminohydrolase; GUANASE; p51-nedasin; Guanine aminase; Guanase; EC 3.5.4.3; Guanine deaminase; CYPIN; NEDASIN; GAH

Application Instructions

Application table

Application	Dilution
IHC-P	0.5 - 1 µg/ml
WB	0.1 - 0.5 µg/ml

Application Note: IHC-P: Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0) for 20 min.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

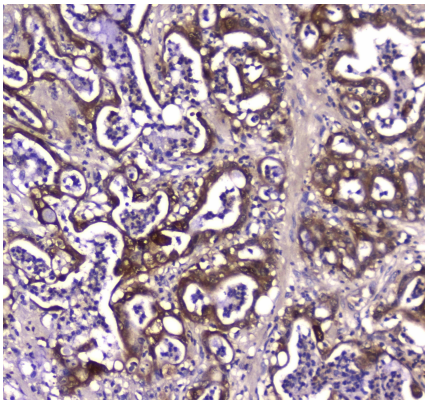
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GDA
Gene Full Name	guanine deaminase
Background	This gene encodes an enzyme responsible for the hydrolytic deamination of guanine. 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. [provided by RefSeq, Nov 2011]
Function	Catalyzes the hydrolytic deamination of guanine, producing xanthine and ammonia. [UniProt]
Calculated Mw	51 kDa

Images

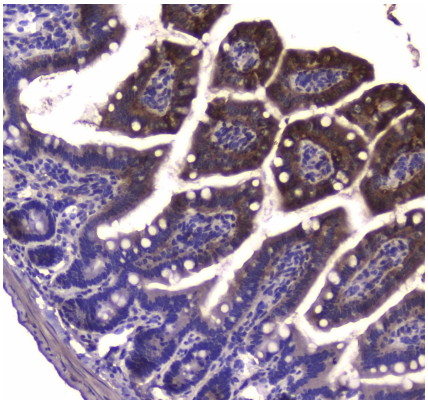


ARG59192 anti-GDA antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon cancer tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59192 anti-GDA antibody at 1 µg/ml dilution, overnight at 4°C.

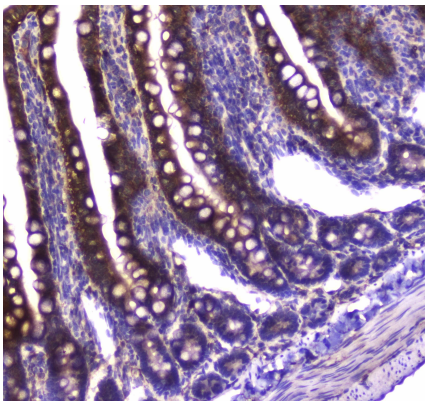
ARG59192 anti-GDA antibody WB image

Western blot: 50 µg of samples under reducing conditions. Rat brain, Rat liver, Rat small intestine, Mouse brain, Mouse liver, Mouse small intestine lysates stained with ARG59192 anti-GDA antibody at 0.5 µg/ml, overnight at 4°C.



ARG59192 anti-GDA antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse small intestine tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59192 anti-GDA antibody at 1 µg/ml dilution, overnight at 4°C.



ARG59192 anti-GDA antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat small intestine tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG59192 anti-GDA antibody at 1 µg/ml dilution, overnight at 4°C.