

For Research Use Only

GDA Polyclonal antibody

Catalog Number: 31493-1-AP



Basic Information

Catalog Number:

31493-1-AP

Size:

700 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35661

GenBank Accession Number:

BC053584

GeneID (NCBI):

9615

UNIPROT ID:

Q9Y2T3

Full Name:

guanine deaminase

Observed MW:

48-53 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:2000-1:16000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, mouse kidney tissue, rat brain tissue, rat kidney tissue

Background Information

GDA (guanine deaminase), also known as KIAA1258. The protein is enriched in the brain, intestine, kidney and liver. Cytoplasmic expression in the small intestine, hepatocytes, pancreatic islet cells and kidney tubules. 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. The molecular weight of GDA is 51 kDa, and it can recognize other isoforms.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

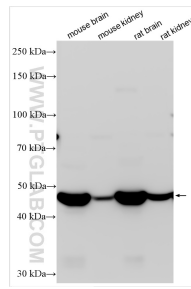
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31493-1-AP (GDA antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.