

For Research Use Only

GDA Polyclonal antibody

Catalog Number: 31493-1-AP



Basic Information

Catalog Number: 31493-1-AP	GenBank Accession Number: BC053584	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop;	GeneID (NCBI): 9615	Recommended Dilutions: WB 1:2000-1:16000
Source: Rabbit	UNIPROT ID: Q9Y2T3	
Isotype: IgG	Full Name: guanine deaminase	
Immunogen Catalog Number: AG35661	Observed MW: 48-53 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	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

*** 20ul sizes contain 0.1% BSA

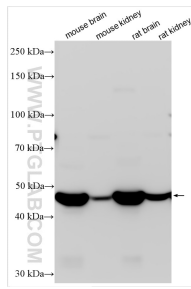
For technical support and original validation data for this product please contact:

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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.