

Rabbit Guanine Deaminase Polyclonal Antibody | anti-GDA antibody

Polyclonal Antibody to Guanine Deaminase (GDA)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20868	Rabbit	Human, Mouse, Bovine	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Guanine Deaminase; Polyclonal Antibody; Polyclonal Antibody to Guanine Deaminase (GDA); anti-GDA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Bovine
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GDA. It has been selected for its ability to recognize GDA in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	0.91mg/ml (varies by lot)
Sequence Length	478
Applicable Applications for anti-GDA antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 0.5-2ug/ml Immunocytochemistry in formalin fixed cells: 5-20ug/ml Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml Immunohistochemistry in paraffin section: 5-20ug/ml Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml Optimal working dilutions must be determined by end user.
Fragment	GDA (Met1~Val454)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse, Bovine
Conjugate	No Conjugate
Immunogen	Recombinant GDA (Met1~Val454) expressed in E Coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HeLa cell lysate; Lane 2: GDA knockout HeLa cell lysate; Predicted MW: 53,51,42kd Observed MW: 52kd Primary Ab: 1ug/ml Rabbit Anti-Human GDA Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Human Serum; Lane2: Human HeLa Cells; Lane3: Mouse Brain Tissue; Lane4: Mouse Kidney Tissue; Lane5: Bovine Brain Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GDA antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	335335014
NCBI GeneID	9615
NCBI Accession #	NP_001229434.1
NCBI GenBank Nucleotide #	NM_001242505.2
UniProt Accession #	Q9Y2T3; Q5SZC7; Q9H335; Q9ULG2; B4DTY5
Molecular Weight	52,837 Da
NCBI Official Full Name	guanine deaminase isoform a
NCBI Official Synonym Full Names	guanine deaminase
NCBI Official Symbol	GDA
NCBI Official Synonym Symbols	GAH; CYPIN; GUANASE; NEDASIN
NCBI Protein Information	guanine deaminase
UniProt Protein Name	Guanine deaminase
UniProt Gene Name	GDA
UniProt Synonym Gene Names	KIAA1258; Guanase; Guanine aminase; GAH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.