

Rabbit Glutamate Dehydrogenase 1 (GDH) Polyclonal Antibody | anti-GDH antibody

Polyclonal Antibody to Glutamate Dehydrogenase 1 (GDH)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA135102	Rabbit	Human, Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

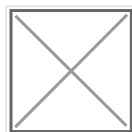
PRODUCT SYNONYMS

Glutamate Dehydrogenase 1 (GDH); Polyclonal Antibody; Polyclonal Antibody to Glutamate Dehydrogenase 1 (GDH); anti-GDH antibody

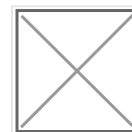
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GDH. It has been selected for its ability to recognize GDH in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	0.39mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHSSGLV PRGSHMASMT GGQMGGRGSE F-DGSIWNPD GIDPKELEDF KLQHGSILGF PKAKPYEGSI LEADCILIP AASEKQLTKS NAPRVKAKII AEGANGPTTP EADKIFLERN IMVIPDLYLN AGGVTVSIFE WLKLNHVSY GRLTFKYERD SNYHLLMSVQ ESLERKFGKH GGTIPVPTA EFQDRISGAS EKDIVHSGLA YTMERSARQI MRTAMKYNL
Sequence Length	411
Applicable Applications for anti-GDH antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant GDH (Asp334~Thr556) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
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



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Kidney Tissue



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded kidney tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Human Liver lysate; Primary Ab: 3ug/ml Rabbit Anti-Human GDH
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	974141156
NCBI GeneID	2746
NCBI Accession #	NP_001305829.1
NCBI GenBank Nucleotide #	NM_001318900.1
UniProt Accession #	P00367; Q5TBU3; B3KV55; B4DGN5
Molecular Weight	46,575 Da
NCBI Official Full Name	glutamate dehydrogenase 1, mitochondrial isoform b
NCBI Official Synonym Full Names	glutamate dehydrogenase 1
NCBI Official Symbol	GLUD1
NCBI Official Synonym Symbols	GDH; GDH1; GLUD
NCBI Protein Information	glutamate dehydrogenase 1, mitochondrial
UniProt Protein Name	Glutamate dehydrogenase 1, mitochondrial
UniProt Gene Name	GLUD1
UniProt Synonym Gene Names	GLUD; GDH 1

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/glutamate-dehydrogenase-1-gdh-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/135102>