

Rabbit anti-Mouse Glycine Dehydrogenase Polyclonal Antibody | anti-GLDC antibody

Polyclonal Antibody to Glycine Dehydrogenase (GLDC)

CATALOG # AAA143732	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

Glycine Dehydrogenase; Polyclonal Antibody; Polyclonal Antibody to Glycine Dehydrogenase (GLDC); anti-GLDC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GLDC. It has been selected for its ability to recognize GLDC in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/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-TSPFLTHQ VFNSYHSETN LVRYMKKLEN KDISLVHSMI PLGSCTMKLN SSELAPITW REFANIHPFV PLDQAQGYQQ LFQGLEKDLCEITGYDRVSF QPNSGAQGEY AGLATIRAYL DQKGERHRTV CLIPKSAHGT NPASAHMAGM KIQPVEVDYR GNIDVAHLKA MVDQHKENLA AIMITYPSTN GVFEENIGDV CA
Sequence Length	959
Applicable Applications for anti-GLDC antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	GLDC (Thr521~Phe761)
Organism Species	Mus musculus (Mouse)
Cross Reactivity	Mouse
Conjugate	No Conjugate
Immunogen	Recombinant GLDC (Thr521~Phe761) expressed in E. coli.
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 formalin fixed paraffin-embedded liver tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20070408
NCBI GeneID	104174
NCBI Accession #	NP_613061.1
NCBI GenBank Nucleotide #	NM_138595.2
UniProt Accession #	Q91W43
Molecular Weight	113,267 Da
NCBI Official Full Name	glycine dehydrogenase (decarboxylating), mitochondrial
NCBI Official Synonym Full Names	glycine decarboxylase
NCBI Official Symbol	Gldc
NCBI Official Synonym Symbols	D19Wsu57e; b2b2679Clo; D030049L12Rik
NCBI Protein Information	glycine dehydrogenase (decarboxylating), mitochondrial
UniProt Protein Name	Glycine dehydrogenase (decarboxylating), mitochondrial
UniProt Gene Name	Gldc

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/glycine-dehydrogenase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/143732>