Rabbit Glycine Dehydrogenase (GLDC) Polyclonal Antibody | anti-GLDC antibody

Polyclonal Antibody to Glycine Dehydrogenase (GLDC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133159	**Rabbit**	**Human, Mouse, Rat, Pig**	**Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry**

PRODUCT SYNONYMS

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

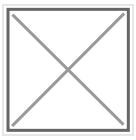
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
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 andwestern blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3,50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Ant igen:Thetarge tproteinis fusedwithN -terminalH is-Tagandi tssequence islistedbe low. MG HHHHHHSGSE F-TLGLASID ELIEKTVPAN IRLKRPLKME DPVCENEILA TLHAISSKNQ IWRSYIGMGY YNCSVPQTIL RNLLENSGWI TQYTPYQPEV SQGRLESLLN YQTMVCDITG LDMANASLLD EGTAAAEALQ LCYRHNKRRK FLVDPRCHPQ TIAVVQTRAK YTGVLTELKL PCEMDFSGKD VSGVLFQYPD
Sequence Length	964
Applicable Applications for anti-GLDC antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant GLDC (Thr81~Asp268) expressed in E.coli.
Cross Reactivity	Mouse, Pig
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.

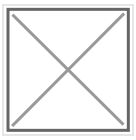
IMAGES

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

IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin- embedded stomach cancer tissue



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



WB (Western Blot)
Western Blot: Sample: Mouse Liver lysate; Primary Ab: 2ug/ml Rabbit Anti-Human GLDC Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	108773801
NCBI GeneID	2731
NCBI Accession #	NP_000161.2
NCBI GenBank Nucleotide #	NM_000170.2
UniProt Accession #	P23378; Q2M2F8
Molecular Weight	112,730 Da
NCBI Official Full Name	glycine dehydrogenase (decarboxylating), mitochondrial
NCBI Official Synonym Full Names	glycine decarboxylase
NCBI Official Symbol	GLDC
NCBI Official Synonym Symbols	GCE; GCSP; HYGN1
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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