

Rabbit Glutaryl Coenzyme A Dehydrogenase Polyclonal Antibody | anti-GCDH antibody

Polyclonal Antibody to Glutaryl Coenzyme A Dehydrogenase (GCDH)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145809	Rabbit	Human, Mouse, Rat, Pig	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

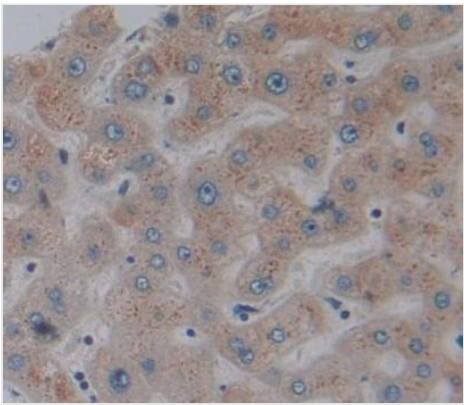
PRODUCT SYNONYMS

Glutaryl Coenzyme A Dehydrogenase; Polyclonal Antibody; Polyclonal Antibody to Glutaryl Coenzyme A Dehydrogenase (GCDH); GCD; ACAD5; Glutaryl-CoA dehydrogenase; mitochondrial; anti-GCDH antibody

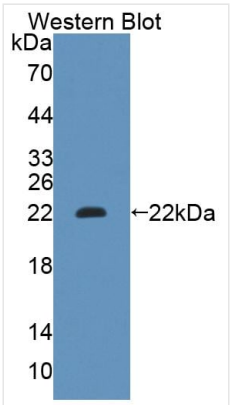
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against GCDH. It has been selected for its ability to recognize GCDH in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	438
Applicable Applications for anti-GCDH antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	GCDH (Glu270~Lys438)
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant GCDH (Glu270~Lys438) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescence (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
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 in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

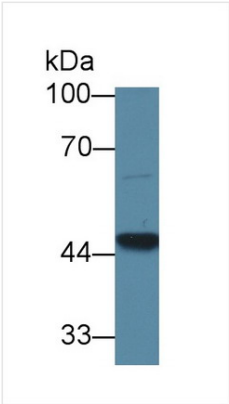
IMAGES



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



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



WB (Western Blot)
Western Blot: Sample: Mouse Heart lysate; Primary Ab: 1ug/ml Rabbit Anti-Human GCDH
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503943
NCBI GeneID	2639
NCBI Accession #	NP_000150.1
NCBI GenBank Nucleotide #	NM_000159.3
UniProt Accession #	Q92947; O14719; A8K2Z2
Molecular Weight	47,355 Da
NCBI Official Full Name	glutaryl-CoA dehydrogenase, mitochondrial isoform a
NCBI Official Synonym Full Names	glutaryl-CoA dehydrogenase
NCBI Official Symbol	GCDH
NCBI Official Synonym Symbols	GCD; ACAD5
NCBI Protein Information	glutaryl-CoA dehydrogenase, mitochondrial
UniProt Protein Name	Glutaryl-CoA dehydrogenase, mitochondrial
UniProt Gene Name	GCDH
UniProt Synonym Gene Names	GCD

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/glutaryl-coenzyme-a-dehydrogenase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145809>