

Rabbit Glycine dehydrogenase Polyclonal Antibody | anti-gcvP antibody

Glycine dehydrogenase antibody

CATALOG # AAA107945	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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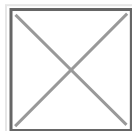
PRODUCT SYNONYMS

Glycine dehydrogenase; Polyclonal Antibody; Glycine dehydrogenase antibody; Polyclonal Glycine dehydrogenase; Anti-Glycine dehydrogenase; MGC138198; GCSP; HYGN1; glycine decarboxylase P-protein; GLDC; MGC138200; GCE; glycine dehydrogenase [decarboxylating] mitochondrial; anti-gcvP antibody

PRODUCT SPECIFICATIONS

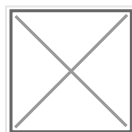
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Glycine dehydrogenase antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	964
Applicable Applications for anti-gcvP antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	The enzyme system for cleavage of glycine, which is confined to the mitochondria, is composed of 4 protein components: P protein, H protein, T protein, and L protein. Glycine encephalopathy may be due to a defect in any one of these enzymes.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



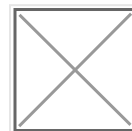
IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded A549 xenograft using Glycine dehydrogenase antibody at a dilution of 1:500



IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed HeLa, using Glycine dehydrogenase antibody at 1:200 dilution.



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: HeLa) using a 7.5 % SDS PAGE gel and Glycine dehydrogenase antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-gcvP antibody	Affinity purified Rabbit polyclonal Glycine dehydrogenase antibody
Product Categories/Family for anti-gcvP antibody	Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	297560436
NCBI GeneID	9245323
NCBI Accession #	YP_003679410.1
NCBI GenBank Nucleotide #	NC_014210.1
Molecular Weight	113 kDa
NCBI Official Full Name	glycine dehydrogenase
UniProt Protein Name	Glycine dehydrogenase (decarboxylating)
UniProt Gene Name	gcvP
UniProt Entry Name	D7B3H6_NOCDD

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-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107945>