

Rabbit Aldehyde Dehydrogenase, Mitochondrial (ALDM) Polyclonal Antibody | anti-ALDM antibody

Polyclonal Antibody to Aldehyde Dehydrogenase, Mitochondrial (ALDM)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA131300	Rabbit	Human, Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

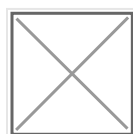
PRODUCT SYNONYMS

Aldehyde Dehydrogenase; Mitochondrial (ALDM); Polyclonal Antibody; Polyclonal Antibody to Aldehyde Dehydrogenase; anti-ALDM antibody

PRODUCT SPECIFICATIONS

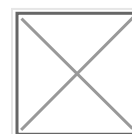
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ALDM. It has been selected for its ability to recognize ALDM in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and its sequence is listed below. MHHH HHHSSGLVPR GSGMKETAAA KFERQHMDSP DLGTDDDDKA MADIGSEF-P STGEVICQVA EGDKEDVDKA VKAARAAFL GSPWRRMDAS HRGRLLNRLA DLIERDRTYL AALETLDNGK PYVISYLVDL DMVLKCLRYA
Sequence Length	519
Applicable Applications for anti-ALDM antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant ALDM (Pro59~Ala150) expressed in E.coli.
Cross Reactivity	Human, Mouse
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 Tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



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

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777732
NCBI GeneID	217
NCBI Accession #	NP_000681.2
NCBI GenBank Nucleotide #	NM_000690.3
UniProt Accession #	P05091; Q03639; Q6IB13; Q6IV71; B4DW54; E7EUE5
Molecular Weight	50,989 Da
NCBI Official Full Name	aldehyde dehydrogenase, mitochondrial isoform 1
NCBI Official Synonym Full Names	aldehyde dehydrogenase 2 family (mitochondrial)
NCBI Official Symbol	ALDH2
NCBI Official Synonym Symbols	ALDM; ALDHI; ALDH-E2
NCBI Protein Information	aldehyde dehydrogenase, mitochondrial
UniProt Protein Name	Aldehyde dehydrogenase, mitochondrial
UniProt Gene Name	ALDH2
UniProt Synonym Gene Names	ALDM

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/aldehyde-dehydrogenase-mitochondrial-aldm-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/131300>