

Goat ALDH6A1 Polyclonal Antibody | anti-ALDH6A1 antibody

Goat anti-ALDH6A1 (aa487-496) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61540	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig	Immunohistochemistry, Western Blot, ELISA

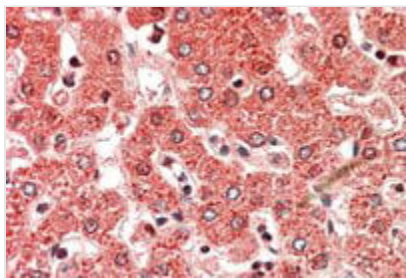
PRODUCT SYNONYMS

ALDH6A1; Polyclonal Antibody; Goat anti-ALDH6A1 (aa487-496) Antibody; Goat Anti-ALDH6A1 (aa262-272) Antibody; aldehyde dehydrogenase 6 family; member A1; MGC40271; MMSADHA; MMSDH; aldehyde dehydrogenase 6A1; mitochondrial acylating methylmalonate-semialdehyde dehydrogenase; member A1 antibody; aldehyde dehydrogenase 6A1 antibody; MGC40271 antibody; mitochondrial acylating methylmalonate-semialdehyde dehydrogenase antibody; MMSADHA antibody; MMSDH antibody; ALDH6A1 antibody; ALDH6A1 (aa487-496); anti-ALDH6A1 antibody

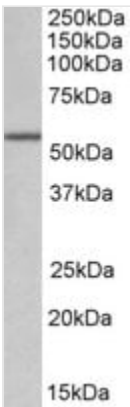
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	SRSSFRRGDTN
Sequence Length	535
Applicable Applications for anti-ALDH6A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-SRSSFRRGDTN, from the internal region of the protein sequence according to NP_005580.1.
Epitope	Internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohiostchemistry)
5ug/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)
0.1ug/ml) staining of Mouse Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11095441
NCBI GeneID	4329
NCBI Accession #	NP_005580.1
NCBI GenBank Nucleotide #	NM_005589.3
Molecular Weight	56,228 Da
NCBI Official Full Name	methylmalonate-semialdehyde dehydrogenase
NCBI Official Synonym Full Names	aldehyde dehydrogenase 6 family member A1
NCBI Official Symbol	ALDH6A1
NCBI Official Synonym Symbols	MMSDH; MMSADHA
NCBI Protein Information	methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial
UniProt Protein Name	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial
UniProt Gene Name	ALDH6A1
UniProt Synonym Gene Names	MMSDH; MMSDH; Malonate-semialdehyde dehydrogenase [acylating]
UniProt Entry Name	MMSA_HUMAN

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.