

Rabbit anti-Human, Mouse ALDH6A1 Polyclonal Antibody | anti-ALDH6A1 antibody

ALDH6A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232389	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

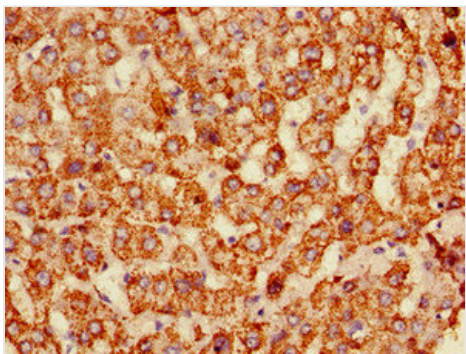
PRODUCT SYNONYMS

ALDH6A1; Polyclonal Antibody; ALDH6A1 Antibody; Methylmalonate-semialdehyde dehydrogenase [acylating]; mitochondrial; MMSDH; Malonate-semialdehyde dehydrogenase [acylating]; Aldehyde dehydrogenase family 6 member A1; anti-ALDH6A1 antibody

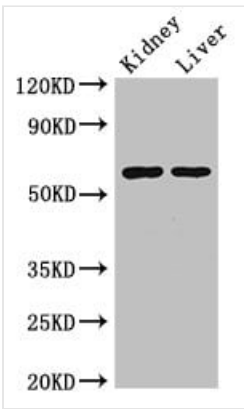
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	522
Applicable Applications for anti-ALDH6A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial protein (274-399AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-107137 / sc-107138 / sc-292507
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver tissue using AAA232389 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in:Mouse kidney tissue,Mouse liver tissueAll lanes: ALDH6A1 antibody at 2.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 58,57 kDaObserved band size: 58 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH6A1 antibody	Plays a role in valine and pyrimidine metabolism. Binds fatty acyl-CoA.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	515870065
NCBI GeneID	4329
NCBI Accession #	NP_001265522.1
NCBI GenBank Nucleotide #	NM_001278593.1
UniProt Accession #	Q02252; Q9UKM8; B2R609; B4DFS8; J3KNU8
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.