

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

ALDH6A1 Antibody

CATALOG # AAA307523	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

PRODUCT SYNONYMS

ALDH6A1; Polyclonal Antibody; ALDH6A1 Antibody; MMSDH; MMSADHA; anti-ALDH6A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ALDH6A1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.7 mg/ml (varies by lot)
Sequence Length	522
Applicable Applications for anti-ALDH6A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human aldehyde dehydrogenase 6 family, member A1
Target Name	ALDH6A1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/45.



Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Rat kidney tissue Amount of lysate: 40ug per lane Primary antibody: 1/450 dilution Secondary antibody dilution: 1/8000 Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH6A1 antibody

This protein belongs to the aldehyde dehydrogenases family of proteins. This enzyme plays a role in the valine and pyrimidine catabolic pathways. The product of this gene, a mitochondrial methylmalonate semialdehyde dehydrogenase, catalyzes the irreversible oxidative decarboxylation of malonate and methylmalonate semialdehydes to acetyl- and propionyl-CoA. Methylmalonate semialdehyde dehydrogenase deficiency is characterized by elevated beta-alanine, 3-hydroxypropionic acid, and both isomers of 3-amino and 3-hydroxyisobutyric acids in urine organic acids.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/aldh6a1-antibody-immunohistochemistry-western-blot-elisa/307523>