

Rabbit anti-Human, mouse ALDH1L1 Polyclonal Antibody | anti-ALDH1L1 antibody

ALDH1L1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286477	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

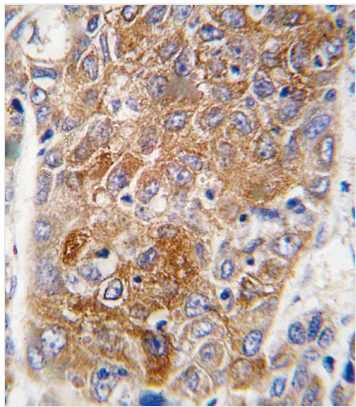
PRODUCT SYNONYMS

ALDH1L1; Polyclonal Antibody; ALDH1L1 Antibody (C-term); Cytosolic 10-formyltetrahydrofolate dehydrogenase; 10-FTHFDH; FDH; Aldehyde dehydrogenase family 1 member L1; FTHFD; anti-ALDH1L1 antibody

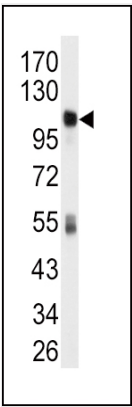
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ALDH1L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 717-746 amino acids from the C-terminal region of human ALDH1L1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	717-746
Sequence Length	912
Applicable Applications for anti-ALDH1L1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with ALDH1L1 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of anti-ALDH1L1 Antibody (C-term) in mouse liver tissue lysates (35ug/lane). ALDH1L1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH1L1 antibody	ALDH1L1 catalyzes the conversion of 10-formyltetrahydrofolate, NADP, and water to tetrahydrofolate, NADPH, and carbon dioxide. The encoded protein belongs to the aldehyde dehydrogenase family and is responsible for formate oxidation in vivo. Deficiencies in this gene can result in an accumulation of formate and subsequent methanol poisoning.
Product Categories/Family for anti-ALDH1L1 antibody	Cancer; Cell Biology; Metabolism; Neuroscience; Signal Transduction
References	Hosgood,H.D. III,Carcinogenesis 29 (10), 1938-1943 (2008) Lee,K.M., Hum. Genet. 122 (5), 525-533 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	393195306
NCBI GeneID	10840
NCBI Accession #	NP_001257293.1; NP_001257294.1; NP_036322.2
NCBI GenBank Nucleotide #	NM_001270364.1
UniProt Accession #	O75891; Q68CS1; Q8TBP8; B4DG36; E9PBX3
Molecular Weight	98829
NCBI Official Full Name	cytosolic 10-formyltetrahydrofolate dehydrogenase isoform 1
NCBI Official Synonym Full Names	aldehyde dehydrogenase 1 family, member L1
NCBI Official Symbol	ALDH1L1
NCBI Official Synonym Symbols	FDH; FTHFD; 10-fTHF; 10-FTHFDH
NCBI Protein Information	cytosolic 10-formyltetrahydrofolate dehydrogenase
UniProt Protein Name	Cytosolic 10-formyltetrahydrofolate dehydrogenase
UniProt Gene Name	ALDH1L1
UniProt Synonym Gene Names	FTHFD; 10-FTHFDH; FDH
UniProt Entry Name	AL1L1_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aldh1l1-antibody-immunohistochemistry-western-blot-elisa/286477>