

Rabbit ALDH1B1 Polyclonal Antibody | anti-ALDH1B1 antibody

ALDH1B1 Polyclonal Antibody

CATALOG # AAA37558	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ALDH1B1; Polyclonal Antibody; ALDH1B1 Polyclonal Antibody; ALDH5; ALDHX; anti-ALDH1B1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	517
Applicable Applications for anti-ALDH1B1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 278-517 of human ALDH1B1 (NP_000683.3)
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using ALDH1B1 Rabbit pAb (AAA37558) at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western Blot analysis of extracts of various cell lines, using ALDH1B1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH1B1 antibody	This protein belongs to the aldehyde dehydrogenases family of proteins. Aldehyde dehydrogenase is the second enzyme of the major oxidative pathway of alcohol metabolism. This gene does not contain introns in the coding sequence. The variation of this locus may affect the development of alcohol-related problems.
Product Categories/Family for anti-ALDH1B1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	311033472
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NCBI GeneID	219
UniProt Accession #	P30837; Q8WX76; Q9BV45; B2R8F0
Molecular Weight	Observed MW: 57kDa Calculated MW: 57 kDa
NCBI Official Full Name	Aldehyde dehydrogenase X, mitochondrial
NCBI Official Synonym Full Names	aldehyde dehydrogenase 1 family, member B1
NCBI Official Symbol	ALDH1B1
NCBI Official Synonym Symbols	ALDH5; ALDHX
NCBI Protein Information	aldehyde dehydrogenase X, mitochondrial; ALDH class 2; aldehyde dehydrogenase 5; acetaldehyde dehydrogenase 5
UniProt Protein Name	Aldehyde dehydrogenase X, mitochondrial
UniProt Gene Name	ALDH1B1
UniProt Synonym Gene Names	ALDH5; ALDHX
UniProt Entry Name	AL1B1_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/aldh1b1-antibody-immunohistochemistry-western-blot-elisa/37558>