

Rabbit anti-Human, Rat Aldehyde dehydrogenase X Polyclonal Antibody | anti-ALDH1B1 antibody

Rabbit anti-human Aldehyde dehydrogenase X, mitochondrial polyclonal Antibody(ALDH1B1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119046	Rabbit	Human, Rat	Immunohistochemistry, Western Blot, ELISA

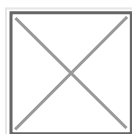
PRODUCT SYNONYMS

Aldehyde dehydrogenase X; Polyclonal Antibody; Rabbit anti-human Aldehyde dehydrogenase X; mitochondrial polyclonal Antibody(ALDH1B1); Aldehyde dehydrogenase 5; Aldehyde dehydrogenase family 1 member B1; ALDH1B1; ALDH5; ALDHX; anti-ALDH1B1 antibody

PRODUCT SPECIFICATIONS

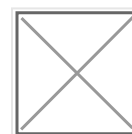
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	517
Applicable Applications for anti-ALDH1B1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Aldehyde dehydrogenase X, mitochondrial protein (278-517aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-107392 / sc-107393
Species	Homo sapiens (Human)
Research Area	Signal Transduction
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA119046 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA119046 at dilution 1:100



WB (Western Blot)

All lanes: Aldehyde dehydrogenase X, mitochondrial antibody at 4ug/mlLane 1:Hela whole cell lysateLane 2:Rat brain tissueLane 3:HepG2 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 57kDaObserved band size: 57kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH1B1 antibody

ALDHs play a major role in the detoxification of alcohol-derived acetaldehyde. They are involved in the metabolism of corticosteroids, biogenic amines, neurotransmitters, and lipid peroxidation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777730
NCBI GeneID	219
NCBI Accession #	NP_000683.3
NCBI GenBank Nucleotide #	NM_000692.4
UniProt Accession #	P30837; Q8WX76; Q9BV45; B2R8F0
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
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/aldehyde-dehydrogenase-x-antibody-immunohistochemistry-western-blot-elisa/119046>