Rabbit anti-Human ALDH3A1 Polyclonal Antibody | anti-ALDH3A1 antibody

ALDH3A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229475	**Rabbit**	**Human**	**Immunohistochemistry, Western Blot, ELISA**

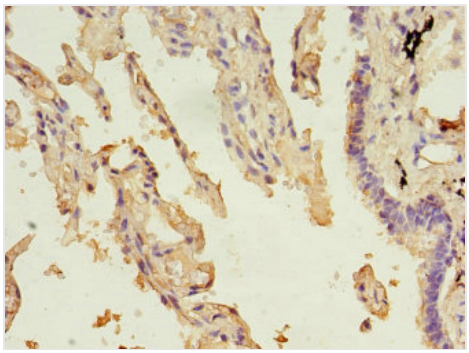
PRODUCT SYNONYMS

ALDH3A1; Polyclonal Antibody; ALDH3A1 Antibody; Aldehyde dehydrogenase; dimeric NADP-preferring; ALDHIII; Aldehyde dehydrogenase 3; Aldehyde dehydrogenase family 3 member A1; ALDH3; anti-ALDH3A1 antibody

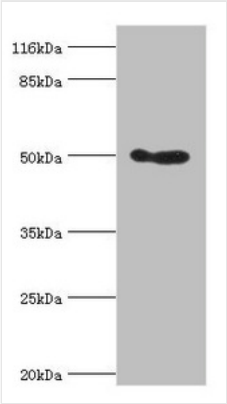
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	453
Applicable Applications for anti-ALDH3A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human Aldehyde dehydrogenase, dimeric NADP-preferring protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-54057 / sc-54054 / sc-54055 / sc-67310
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human lung tissue using AAA229475 at dilution 1:100



WB (Western Blot)
Western blotAll lanes: ALDH3A1 antibody at 2ug/ml+293T whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 50kDaObserved band size: 50kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH3A1 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. This protein preferentially oxidizes aromatic aldehyde substrates. It may play a role in the oxidation of toxic aldehydes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22907049
NCBI GeneID	218
NCBI Accession #	NP_000682.3
NCBI GenBank Nucleotide #	NM_000691.4
UniProt Accession #	P30838; Q9BT37; A8K828
Molecular Weight	50,395 Da
NCBI Official Full Name	aldehyde dehydrogenase, dimeric NADP-preferring
NCBI Official Synonym Full Names	aldehyde dehydrogenase 3 family member A1
NCBI Official Symbol	ALDH3A1
NCBI Official Synonym Symbols	ALDH3; ALDHIII
NCBI Protein Information	aldehyde dehydrogenase, dimeric NADP-preferring
UniProt Protein Name	Aldehyde dehydrogenase, dimeric NADP-preferring
UniProt Gene Name	**ALDH3A1**
UniProt Synonym Gene Names	ALDH3
UniProt Entry Name	AL3A1_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://www.aaabiotech.com/polyclonal/aldh3a1-antibody-immunohistochemistry-western-blot-elisa/229475