Rabbit ALDH3B1 Polyclonal Antibody | anti-ALDH3B1 antibody

ALDH3B1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233636	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Western Blot, ELISA**

PRODUCT SYNONYMS

ALDH3B1; Polyclonal Antibody; ALDH3B1 Antibody; Aldehyde dehydrogenase family 3 member B1; Aldehyde dehydrogenase 7; ALDH7; anti-ALDH3B1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	468
Applicable Applications for anti-ALDH3B1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Aldehyde dehydrogenase family 3 member B1 protein (168-449AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES

IF (Immunofluorescence)
Immunofluorescent analysis of A549 cells using AAA233636 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L

WB (Western Blot)
Western BlotPositive WB detected in: K562 whole cell lysate, Rat kidney tissue, Rat spleen tissue, Mouse stomach tissueAll lanes: ALDH3B1 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 52 KDaObserved band size: 52 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH3B1 antibody	Oxidizes medium and long chain saturated and unsaturated aldehydes. Metabolizes also benzaldehyde. Low activity towards acetaldehyde and 3, 4-dihydroxyphenylacetaldehyde. May not metabolize short chain aldehydes. May use both NADP(+) and NAD(+) as cofactors. May have a protective role against the cytotoxicity induced by lipid peroxidation.
Product Categories/Family for anti-ALDH3B1 antibody	Cancer; Cell Biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502043
NCBI GeneID	221
NCBI Accession #	NP_000685.1
NCBI GenBank Nucleotide #	NM_000694.3
UniProt Accession #	P43353; Q53XL5; Q8N515; Q96CK8; A3FMP9
Molecular Weight	47,683 Da
NCBI Official Full Name	aldehyde dehydrogenase family 3 member B1 isoform a
NCBI Official Synonym Full Names	aldehyde dehydrogenase 3 family member B1
NCBI Official Symbol	ALDH3B1
NCBI Official Synonym Symbols	ALDH4; ALDH7
NCBI Protein Information	aldehyde dehydrogenase family 3 member B1
UniProt Protein Name	Aldehyde dehydrogenase family 3 member B1
UniProt Gene Name	**ALDH3B1**
UniProt Synonym Gene Names	ALDH7

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/aldh3b1-antibody-immunofluorescence-western-blot-elisa/233636