Rabbit ALDH3B1 Polyclonal Antibody | anti-ALDH3B1 antibody

ALDH3B1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200360	**Rabbit**	**Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat**	**Western Blot**

PRODUCT SYNONYMS

ALDH3B1; Polyclonal Antibody; ALDH3B1 antibody - N-terminal region; anti-ALDH3B1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:DP LGDTLRRLRE AFHAGRTRPA EFRAAQLQGL GRFLQENKQL LHDALAQD
Sequence Length	468
Applicable Applications for anti-ALDH3B1 antibody	WB (Western Blot)
Homology	Cow: 86%; Dog: 83%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Mouse: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ALDH3B1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

WB (Western Blot)
WB Suggested Anti-ALDH3B1 Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive Control: HepG2 cell lysate

WB (Western Blot)
Host: RabbitTarget Name: ALDH3B1Sample Type: JurkatAntibody Dilution: 1.0ug/mlALDH3B1 is supported by BioGPS gene expression data to be expressed in Jurkat

WB (Western Blot)
Host: RabbitTarget Name: ALDH3B1Sample Type: HelaAntibody Dilution: 1.0ug/mlALDH3B1 is strongly supported by BioGPS gene expression data to be expressed in Human HeLa cells

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH3B1 antibody	This is a rabbit polyclonal antibody against ALDH3B1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The aldehyde dehydrogenases are a family of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. ALDH3B1 is highly expressed in kidney and lung. The aldehyde dehydrogenases are a family of isozymes that may play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This particular gene spans about 20 kb of genomic DNA and is composed of 9 coding exons. The gene encodes a single transcript of 2.8 kb which is highly expressed in kidney and lung. The functional significance of this gene as well as the cellular localization of its product are presently unknown. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-ALDH3B1 antibody	Polyclonal; Drugs and Drug Metabolism; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502043
NCBI GeneID	221
NCBI Accession #	NP_000685
NCBI GenBank Nucleotide #	NM_000694
UniProt Accession #	P43353
Molecular Weight	52kDa
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
UniProt Entry Name	AL3B1_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/aldh3b1-antibody-western-blot-elisa/200360