

Rabbit ALDH3A2 Polyclonal Antibody | anti-ALDH3A2 antibody

ALDH3A2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199412	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

ALDH3A2; Polyclonal Antibody; ALDH3A2 antibody - C-terminal region; anti-ALDH3A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, 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	Synthetic peptide with the following region: F I N E R E K P L A L Y V F S H N H K L I K R M I D E T S S G G V T G N D V I M H F T L N S F P F G
Sequence Length	485
Applicable Applications for anti-ALDH3A2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 92%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ALDH3A2
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-ALDH3A2 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate


IHC (Immunohistochemistry)

Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH3A2 antibody

This is a rabbit polyclonal antibody against ALDH3A2. It was validated on Western Blot and immunohistochemistry

Target Description: Aldehyde dehydrogenase isozymes are thought to play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. ALDH3A2 catalyzes the oxidation of long-chain aliphatic aldehydes to fatty acid. Aldehyde dehydrogenase isozymes are thought to play a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation. This gene product catalyzes the oxidation of long-chain aliphatic aldehydes to fatty acid. Mutations in the gene cause Sjogren-Larsson syndrome.

Product Categories/Family for anti-ALDH3A2 antibody	Polyclonal; Neurobiology; Membrane Protein; Drugs and Drug Metabolism; Disease Related; Immunohistochemistry
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557303
NCBI GeneID	224
NCBI Accession #	NP_000373
NCBI GenBank Nucleotide #	NM_000382
UniProt Accession #	Q60HH8; P51648
Molecular Weight	53kDa
NCBI Official Full Name	fatty aldehyde dehydrogenase isoform 2
NCBI Official Synonym Full Names	aldehyde dehydrogenase 3 family member A2
NCBI Official Symbol	ALDH3A2
NCBI Official Synonym Symbols	SLS; FALDH; ALDH10
NCBI Protein Information	fatty aldehyde dehydrogenase
UniProt Protein Name	Fatty aldehyde dehydrogenase
UniProt Gene Name	ALDH3A2

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/aldh3a2-antibody-western-blot-immunohistochemistry-elisa/199412>