

Rabbit ALDH3A2 Polyclonal Antibody | anti-ALDH3A2 antibody

ALDH3A2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199411	Rabbit	Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

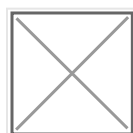
PRODUCT SYNONYMS

ALDH3A2; Polyclonal Antibody; ALDH3A2 antibody - middle region; anti-ALDH3A2 antibody

PRODUCT SPECIFICATIONS

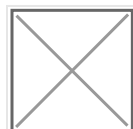
Host	Rabbit
Reactivity	Cow, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: DH IFYTGNTAVG KIVMEAAKH LTPVTLELGG KSPCYIDKDC DLDIVCRR
Sequence Length	508
Applicable Applications for anti-ALDH3A2 antibody	WB (Western Blot)
Homology	Cow: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle 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



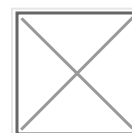
WB (Western Blot)

WB Suggested Anti-ALDH3A2 Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:156250
 Positive Control: NCI-H226 cell lysate



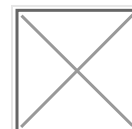
WB (Western Blot)

Host: Rabbit
 Target Name: ALDH3A2
 Sample Type: Human Fetal Lung
 Antibody Dilution: 1.0ug/ml



WB (Western Blot)

WB Suggested Anti-ALDH3A2 Antibody
 Positive Control: Lane1: 30ug human primary hepatocytes
 Primary Antibody Dilution : 1:1000
 Secondary Antibody : Anti-rabbit-HRP
 Secondary Antibody Dilution : 1:5000
 Submitted by: Takeshi Saito, USC Keck School of Medicine



WB (Western Blot)

Host: Rabbit
 Target Name: ALDH3A2
 Sample Type: Human Fetal Liver
 Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-ALDH3A2 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult Adrenal
Observed Staining: Cytoplasm in hepatocytes
Primary Antibody Concentration: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH3A2 antibody	This is a rabbit polyclonal antibody against ALDH3A2. It was validated on Western Blot using a cell lysate as a positive control. 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.
Product Categories/Family for anti-ALDH3A2 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	1706379
NCBI GeneID	224
NCBI Accession #	NP_001026976
NCBI GenBank Nucleotide #	NM_001031806
UniProt Accession #	P51648
Molecular Weight	58kDa
NCBI Official Full Name	Fatty aldehyde dehydrogenase
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
UniProt Synonym Gene Names	ALDH10; FALDH
UniProt Entry Name	AL3A2_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/aldh3a2-antibody-western-blot-elisa/199411>