

Rabbit ALDH3A2 Polyclonal Antibody | anti-ALDH3A2 antibody

ALDH3A2 Rabbit pAb

CATALOG # AAA281640	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

ALDH3A2; Polyclonal Antibody; ALDH3A2 Rabbit pAb; ALDH10; FALDH; SLS; anti-ALDH3A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	EASLQNQIVW KIKETVKEYF GENIKESPDY ERIINLRHFK RILSLLEGQK IAFGGETDEA TRYIAPTVLT D
Applicable Applications for anti-ALDH3A2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 250-320 of human ALDH3A2 (NP_001026976.1).
Cellular Location	Cytoplasmic side, Endoplasmic reticulum membrane, Single-pass membrane protein
Positive Samples	A-549, Mouse testis, Rat kidney
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using ALDH3A2 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ALDH3A2 Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH3A2 antibody	Background: 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-ALDH3A2 antibody	Cardiovascular; Lipids; Fatty Acids

NCBI AND UNIPROT INFORMATION

NCBI GI #	1706379
NCBI GeneID	224
UniProt Accession #	P51648; Q6I9T3; Q93011; Q96J37
Molecular Weight	485
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; aldehyde dehydrogenase 10; microsomal aldehyde dehydrogenase; aldehyde dehydrogenase family 3 member A2
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/aldh3a2-antibody-immunofluorescence-western-blot-elisa/281640>