

Rabbit ALDH9A1 Polyclonal Antibody | anti-ALDH9A1 antibody

ALDH9A1 Polyclonal Antibody

CATALOG # AAA280584	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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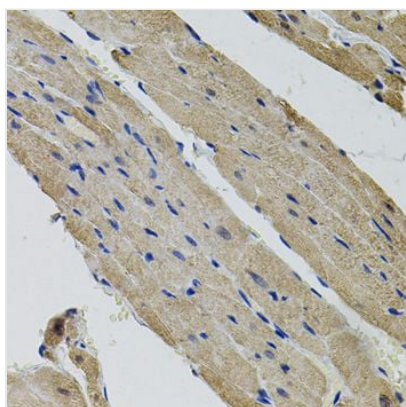
PRODUCT SYNONYMS

ALDH9A1; Polyclonal Antibody; ALDH9A1 Polyclonal Antibody; anti-ALDH9A1 antibody

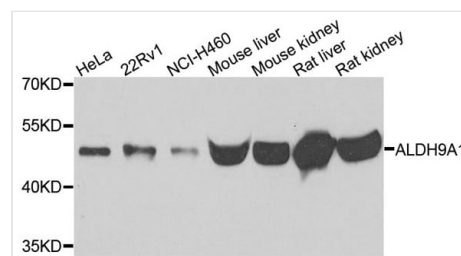
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	518
Applicable Applications for anti-ALDH9A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Route	Synthetic Peptide
Immunogen	A synthetic peptide of human ALDH9A1
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using ALDH9A1 antibody (40x lens).


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ALDH9A1 antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH9A1 antibody

This protein belongs to the aldehyde dehydrogenase family of proteins. It has a high activity for oxidation of gamma-aminobutyraldehyde and other amino aldehydes. The enzyme catalyzes the dehydrogenation of gamma-aminobutyraldehyde to gamma-aminobutyric acid (GABA). This isozyme is a tetramer of identical 54-kD subunits.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115387104
NCBI GeneID	223
NCBI Accession #	NP_000687.3
NCBI GenBank Nucleotide #	NM_000696.3
UniProt Accession #	P49189; Q5VV90; Q6LCL1; Q9NZT7; B2R6X1; B4DXY7
Molecular Weight	54kDa
NCBI Official Full Name	4-trimethylaminobutyraldehyde dehydrogenase
NCBI Official Synonym Full Names	aldehyde dehydrogenase 9 family, member A1
NCBI Official Symbol	ALDH9A1
NCBI Official Synonym Symbols	E3; ALDH4; ALDH7; ALDH9; TMABADH
NCBI Protein Information	4-trimethylaminobutyraldehyde dehydrogenase
UniProt Protein Name	4-trimethylaminobutyraldehyde dehydrogenase
UniProt Gene Name	ALDH9A1
UniProt Synonym Gene Names	ALDH4; ALDH7; ALDH9; TMABADH
UniProt Entry Name	AL9A1_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://www.aaabiotech.com/polyclonal/aldh9a1-antibody-immunohistochemistry-western-blot-elisa/280584>