

Rabbit anti-Human ALDH9A1 Polyclonal Antibody | anti-ALDH9A1 antibody

ALDH9A1 Antibody

CATALOG # AAA302125	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ALDH9A1; Polyclonal Antibody; ALDH9A1 Antibody; E3; ALDH4; ALDH7; ALDH9; TMABADH; anti-ALDH9A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ALDH9A1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.9 mg/ml (varies by lot)
Sequence Length	518
Applicable Applications for anti-ALDH9A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human Aldehyde dehydrogenase 9 family, member A1
Target Name	ALDH9A1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using at dilution 1/50.



Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): Human fetal liver tissue and hela cell, human fetal brain tissue Amount of lysate: 40ug per lane Primary antibody: 1/240 dilution Secondary antibody dilution: 1/8000 Exposure time: 30 seconds

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. Converts gamma-trimethylaminobutyraldehyde into gamma-butyrobetaine. Catalyzes the irreversible oxidation of a broad range of aldehydes to the corresponding acids in an NAD-dependent reaction.

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	46,455 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aldh9a1-antibody-immunohistochemistry-western-blot-elisa/302125>