

Goat ALDH9A1 Polyclonal Antibody | anti-ALDH9A1 antibody

Goat anti-ALDH9A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61505	Goat	Tested: Human; Expected from sequence similarity: Human, Cow	Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

ALDH9A1; Polyclonal Antibody; Goat anti-ALDH9A1 Antibody; aldehyde dehydrogenase 9 family, member A1; ALDH4; ALDH7; ALDH9; E3; TMABADH; 4-trimethylaminobutyraldehyde dehydrogenase; R-aminobutyraldehyde dehydrogenase; aldehyde dehydrogenase (NAD+); aldehyde dehydrogenase 9A1; aldehyde dehydrogenase E3 is; 4-trimethylaminobutyraldehyde dehydrogenase antibody; aldehyde dehydrogenase (NAD+) antibody; member A1 antibody; aldehyde dehydrogenase 9A1 antibody; aldehyde dehydrogenase E3 is antibody; ALDH4 antibody; ALDH7 antibody; ALDH9 antibody; E3 antibody; R-aminobutyraldehyde dehydrogenase antibody; TMABADH antibody; ALDH9A1 antibody; anti-ALDH9A1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	QKEILDKFTE EVVKQ
Sequence Length	518
Applicable Applications for anti-ALDH9A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-QKEILDKFTEEVVKQ, from the internal region of the protein sequence according to NP_000687.3.
Epitope	Internal region
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

3.8ug/ml staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)

0.3ug/ml staining of Human Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115387104
NCBI GeneID	223

NCBI Accession #	NP_000687.3
NCBI GenBank Nucleotide #	NM_000696.3
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-peptide-elisa-elisa/61505>