

Goat ALDH5A1 Polyclonal Antibody | anti-ALDH5A1 antibody

Goat anti-ALDH5A1 (aa 485-496) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61523	Goat	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow	Immunohistochemistry, Western Blot, ELISA

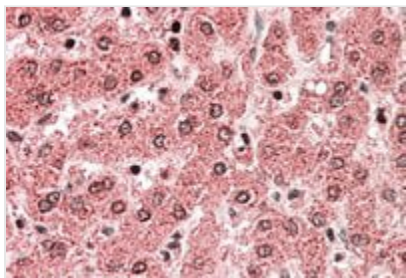
PRODUCT SYNONYMS

ALDH5A1; Polyclonal Antibody; Goat anti-ALDH5A1 (aa 485-496) Antibody; Goat Anti-ALDH5A1 (aa 301-312) Antibody; aldehyde dehydrogenase 5 family; member A1; SSADH; SSDH; NAD(+)-dependent succinic semialdehyde dehydrogenase; aldehyde dehydrogenase 5A1; mitochondrial succinate semialdehyde dehydrogenase; succinate-semialdehyde dehydrogenase; member A1 antibody; aldehyde dehydrogenase 5A1 antibody; mitochondrial succinate semialdehyde dehydrogenase antibody; NAD(+)-dependent succinic semialdehyde dehydrogenase antibody; SSADH antibody; SSDH antibody; succinate-semialdehyde dehydrogenase antibody; ALDH5A1 antibody; ALDH5A1 (aa 485-496); anti-ALDH5A1 antibody

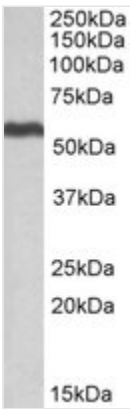
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat; Expected from sequence similarity: Human, Mouse, Rat, Dog, 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	SQDPAQIWRV AE
Sequence Length	548
Applicable Applications for anti-ALDH5A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-SQDPAQIWRVAE, from the internal region of the protein sequence according to NP_733936.1; NP_001071.1.
Epitope	Internal region
Note	This antibody is expected to recognize both reported isoforms (NP_733936.1; NP_001071.1). Amino acid numbering in name calculated from NP_733936.1.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohiostchemistry)
5ug/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



WB (Western Blot)
0.5ug/ml) staining of Human Liver lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25777721
NCBI GeneID	7915
NCBI Accession #	NP_733936.1; NP_001071.1
NCBI GenBank Nucleotide #	NM_170740.1
Molecular Weight	58,653 Da
NCBI Official Full Name	succinate-semialdehyde dehydrogenase, mitochondrial isoform 1
NCBI Official Synonym Full Names	aldehyde dehydrogenase 5 family member A1
NCBI Official Symbol	ALDH5A1
NCBI Official Synonym Symbols	SSDH; SSADH
NCBI Protein Information	succinate-semialdehyde dehydrogenase, mitochondrial
UniProt Protein Name	Succinate-semialdehyde dehydrogenase, mitochondrial
UniProt Gene Name	ALDH5A1
UniProt Synonym Gene Names	SSADH
UniProt Entry Name	SSDH_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/aldh5a1-antibody-immunohistochemistry-western-blot-peptide-elisa-elisa/61523>