

Rabbit anti-Human ALDH5A1 Polyclonal Antibody | anti-ALDH5A1 antibody

ALDH5A1 Antibody

CATALOG # AAA305497	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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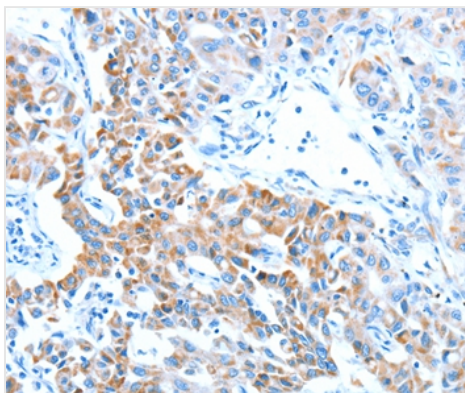
PRODUCT SYNONYMS

ALDH5A1; Polyclonal Antibody; ALDH5A1 Antibody; SSDH; SSADH; anti-ALDH5A1 antibody

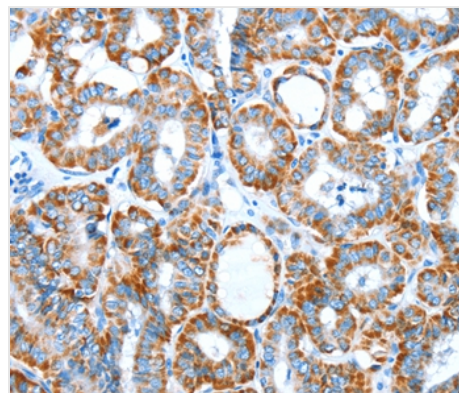
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total ALDH5A1 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.4 mg/ml (varies by lot)
Sequence Length	535
Applicable Applications for anti-ALDH5A1 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human aldehyde dehydrogenase 5 family, member A1
Target Name	ALDH5A1
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human lung cancer tissue using at dilution 1/60.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/60.

ADDITIONAL INFORMATION

Related Product Information for anti-ALDH5A1 antibody	This protein belongs to the aldehyde dehydrogenase family of proteins. This gene encodes a mitochondrial NAD(+)-dependent succinic semialdehyde dehydrogenase. A deficiency of this enzyme, known as 4-hydroxybutyricaciduria, is a rare inborn error in the metabolism of the neurotransmitter 4-aminobutyric acid (GABA). In response to the defect, physiologic fluids from patients accumulate GHB, a compound with numerous neuromodulatory properties. Two transcript variants encoding distinct isoforms have been identified for this gene.
Product Categories/Family for anti-ALDH5A1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507229
NCBI GeneID	7915
NCBI Accession #	NP_001071.1
NCBI GenBank Nucleotide #	NM_001080.3
UniProt Accession #	P51649; Q546H9; Q8N3W6; B2RD26; G5E949
Molecular Weight	58,653 Da
NCBI Official Full Name	succinate-semialdehyde dehydrogenase, mitochondrial isoform 2
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-elisa/305497>