

Rabbit ALDH5A1 Polyclonal Antibody | anti-ALDH5A1 antibody

ALDH5A1 Polyclonal Antibody

CATALOG # AAA167956	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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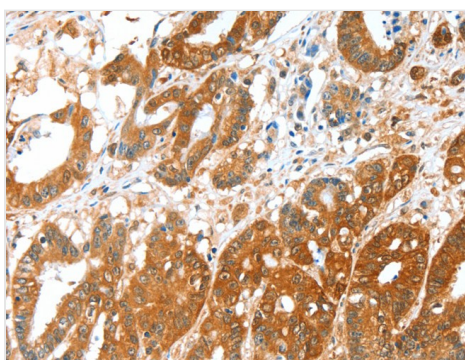
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

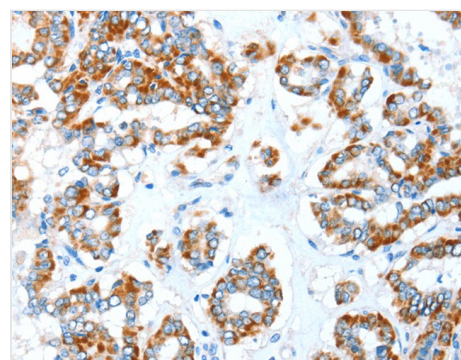
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.4mg/mL (varies by lot)
Sequence Length	548
Applicable Applications for anti-ALDH5A1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human ALDH5A1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon cancer tissue using ALDH5A1 Polyclonal Antibody at dilution 1:35



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ALDH5A1 Polyclonal Antibody at dilution 1:35

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	608785145
NCBI GeneID	7915
Molecular Weight	58,653 Da
NCBI Official Full Name	aldehyde dehydrogenase 5 family member A1 isoform A, partial
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; NAD(+)-dependent succinic semialdehyde dehydrogenase; aldehyde dehydrogenase 5 family member A1; mitochondrial succinate semialdehyde dehydrogenase
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.