

ALDH5A1 Antibody (aa301-312)
Goat Polyclonal Antibody
Catalog # ALS16288**Specification**

ALDH5A1 Antibody (aa301-312) - Product Information

Application	IHC, WB
Primary Accession	P51649
Reactivity	Human, Mouse, Rat, Xenopus
Host	Goat
Clonality	Polyclonal
Calculated MW	57kDa KDa

ALDH5A1 Antibody (aa301-312) - Additional Information**Gene ID** 7915**Other Names**

Succinate-semialdehyde dehydrogenase, mitochondrial, 1.2.1.24, Aldehyde dehydrogenase family 5 member A1, NAD(+)-dependent succinic semialdehyde dehydrogenase, ALDH5A1, SSADH

Target/Specificity

Human ALDH5A1. 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.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

ALDH5A1 Antibody (aa301-312) is for research use only and not for use in diagnostic or therapeutic procedures.

ALDH5A1 Antibody (aa301-312) - Protein Information**Name** ALDH5A1 ([HGNC:408](#))**Synonyms** SSADH**Function**

Catalyzes one step in the degradation of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA).

Cellular Location

Mitochondrion.

Tissue Location

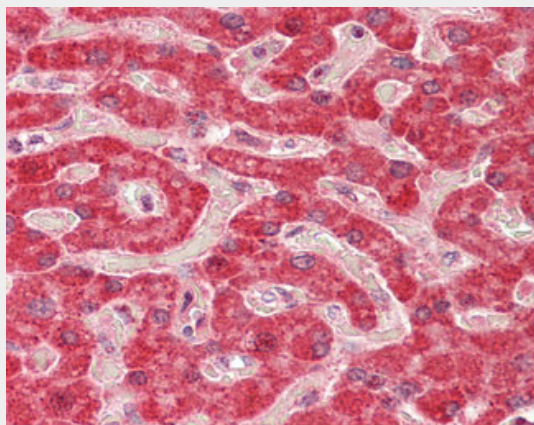
Brain, pancreas, heart, liver, skeletal muscle and kidney. Lower in placenta

ALDH5A1 Antibody (aa301-312) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ALDH5A1 Antibody (aa301-312) - Images



Anti-ALDH5A1 antibody IHC staining of human liver.



ALDH5A1 antibody (1 ug/ml) staining of Human Liver lysate (35 ug protein/ml in RIPA buffer).

ALDH5A1 Antibody (aa301-312) - Background

Catalyzes one step in the degradation of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA).

ALDH5A1 Antibody (aa301-312) - References

Chambliss K.L., et al. Am. J. Hum. Genet. 63:399-408(1998).

Blasi P.,et al.Mol. Genet. Metab. 76:348-362(2002).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Mungall A.J.,et al.Nature 425:805-811(2003).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.