

ALDH5A1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13211**Specification**

ALDH5A1 Antibody (C-Terminus) - Product Information

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

ALDH5A1 Antibody (C-Terminus) - 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

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

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

ALDH5A1 Antibody (C-Terminus) - 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

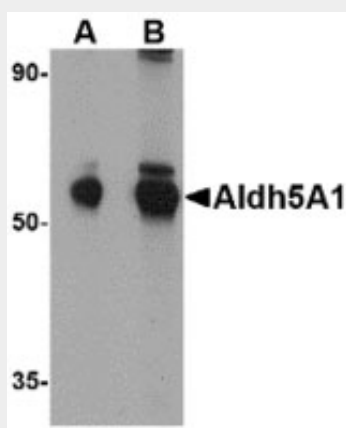
Brain, pancreas, heart, liver, skeletal muscle and kidney. Lower in placenta

ALDH5A1 Antibody (C-Terminus) - Protocols

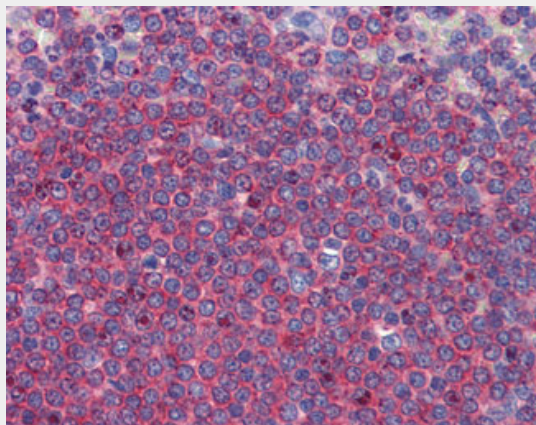
Provided below are standard protocols that you may find useful for product applications.

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

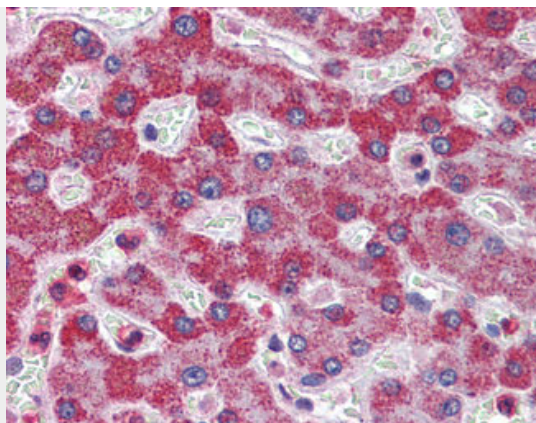
ALDH5A1 Antibody (C-Terminus) - Images



Western blot of Aldh5A1 in mouse liver lysate with Aldh5A1 antibody at (A) 1 and (B) 2 ug/ml.



Anti-ALDH5A1 antibody IHC of human spleen.



Anti-ALDH5A1 antibody IHC of human liver.

ALDH5A1 Antibody (C-Terminus) - Background

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

ALDH5A1 Antibody (C-Terminus) - 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.