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ALDH5A1 Antibody (aa485-496)

Goat Polyclonal Antibody
Catalog # ALS15855

Specification

ALDH5A1 Antibody (aa485-496) - Product Information

Application	**IHC, WB**
Primary Accession	P51649
Reactivity	**Human, Mouse, Rat, Rabbit, Hamster, Monkey, Chicken, Horse, Xenopus, Bovine, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**57kDa KDa**

ALDH5A1 Antibody (aa485-496) - 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 (aa485-496) is for research use only and not for use in diagnostic or therapeutic procedures.

ALDH5A1 Antibody (aa485-496) - 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

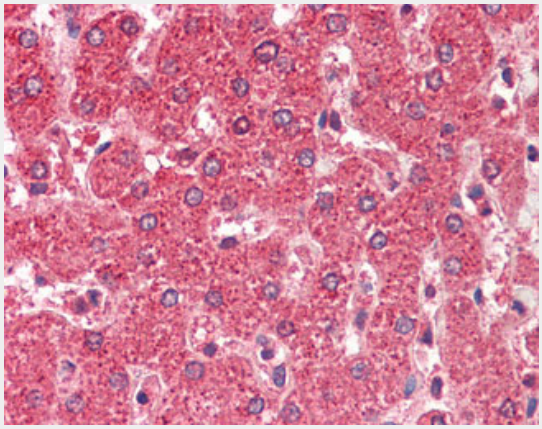
Brain, pancreas, heart, liver, skeletal muscle and kidney. Lower in placenta

ALDH5A1 Antibody (aa485-496) - Protocols

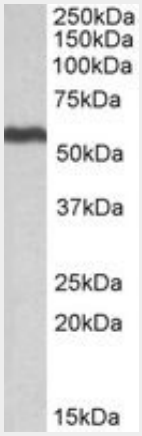
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ALDH5A1 Antibody (aa485-496) - Images



Anti-ALDH5A1 antibody IHC staining of human liver.



ALDH5A1 antibody (0.5 ug/ml) staining of Human Liver lysate (35 ug protein/ml in RIPA buffer).

ALDH5A1 Antibody (aa485-496) - Background

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

ALDH5A1 Antibody (aa485-496) - 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.