

Goat anti-ALDH5A1 (aa 485-496), Biotinylated Antibody
Peptide-affinity purified goat antibody
Catalog # AF4484a

Specification

Goat anti-ALDH5A1 (aa 485-496), Biotinylated Antibody - Product Information

Application	WB, Pep-ELISA
Primary Accession	P51649
Other Accession	NP_733936.1 , NP_001071.1
Reactivity	Human, Mouse, Rat, Dog, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	57215

Goat anti-ALDH5A1 (aa 485-496), Biotinylated Antibody - Additional Information

Gene ID 7915

Other Names

ALDH5A1; aldehyde dehydrogenase 5 family, member A1; SSADH; SSDH; NAD(+)-dependent succinic semialdehyde dehydrogenase; aldehyde dehydrogenase 5A1; mitochondrial succinate semialdehyde dehydrogenase; succinate-semialdehyde dehydrogenase

Dilution

WB~~1:1000
Pep-ELISA~~N/A

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

Immunogen

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.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat anti-ALDH5A1 (aa 485-496), Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-ALDH5A1 (aa 485-496), Biotinylated Antibody - 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

Goat anti-ALDH5A1 (aa 485-496), Biotinylated Antibody - 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](#)

Goat anti-ALDH5A1 (aa 485-496), Biotinylated Antibody - Images