

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

**Specification**

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

Application	WB, Pep-ELISA
Primary Accession	<a href="#">P51649</a>
Other Accession	<a href="#">NP_733936.1</a> , <a href="#">NP_001071.1</a>
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**