

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

Peptide-affinity purified goat antibody

Catalog # AF4484a

## Product Information

---

<b>Application</b>	WB, Pep-ELISA
<b>Primary Accession</b>	<a href="#">P51649</a>
<b>Other Accession</b>	<a href="#">NP_733936.1</a> , <a href="#">NP_001071.1</a>
<b>Reactivity</b>	Human, Mouse, Rat, Dog, Bovine
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Clone Names</b>	ALDH5A1
<b>Calculated MW</b>	57215

## Additional Information

---

<b>Gene ID</b>	7915
<b>Other Names</b>	ALDH5A1; aldehyde dehydrogenase 5 family, member A1; SSADH; SSDH; NAD(+)-dependent succinic semialdehyde dehydrogenase; aldehyde dehydrogenase 5A1; mitochondrial succinate semialdehyde dehydrogenase; succinate-semialdehyde dehydrogenase
<b>Dilution</b>	WB~~1:1000 Pep-ELISA~~N/A
<b>Format</b>	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.
<b>Immunogen</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	Goat anti-ALDH5A1 (aa 485-496), Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	ALDH5A1 ( <a href="#">HGNC:408</a> )
<b>Synonyms</b>	SSADH
<b>Function</b>	Catalyzes one step in the degradation of the inhibitory neurotransmitter gamma-aminobutyric acid (GABA).

<b>Cellular Location</b>	Mitochondrion.
<b>Tissue Location</b>	Brain, pancreas, heart, liver, skeletal muscle and kidney. Lower in placenta

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.