

# GOAT ANTI-ALDH5A1 (AA 485-496), BIOTINYLATED ANTIBODY

**SKU:** EB10435-B

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa

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## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage** Aliquot and store at -20°C. Minimize freezing and thawing.  
**Instructions**

**Synonym** / aldehyde dehydrogenase 5 family, member A1|aldehyde dehydrogenase 5A1|mitochondrial succinate

**Alias** semialdehyde dehydrogenase|NAD(+-dependent succinic semialdehyde

**Names** dehydrogenase|SSADH|SSDH|succinate-semialdehyde dehydrogenase|ALDH5A1

**Accession ID** NP\_733936.1; NP\_001071.1

**Blocking Peptide** EBP10435-B

**Immunogen** Peptide with sequence C-SQDPAQIWRVAE., from the internal region of the protein sequence according to NP\_733936.1; NP\_001071.1.

**Product** This antibody is expected to recognize both reported isoforms (NP\_733936.1; NP\_001071.1). Amino acid  
**Comments** numbering in name calculated from NP\_733936.1.

**Peptide Sequence** C-SQDPAQIWRVAE.

**Purification Method** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**Shipping Instructions** Refrigerated

**Predicted Species** Human, Mouse, Rat, Dog, Cow

**Reactive Species** Human

**Human Gene ID** 7915

**Mouse Gene ID** 214579

**Rat Gene ID** 291133

**Product Grade** [https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\\_medium.png](https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png)

**ELISA**

**Detection Limit** Antibody detection limit dilution 1:32000.

**Western Blot** Approx 55kDa band observed in Human Liver lysates (calculated MW of 58.7kDa according to NP\_733936.1).  
Recommended concentration: 0.3-1µg/ml.

**Application Type** Pep-ELISA, WB

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

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