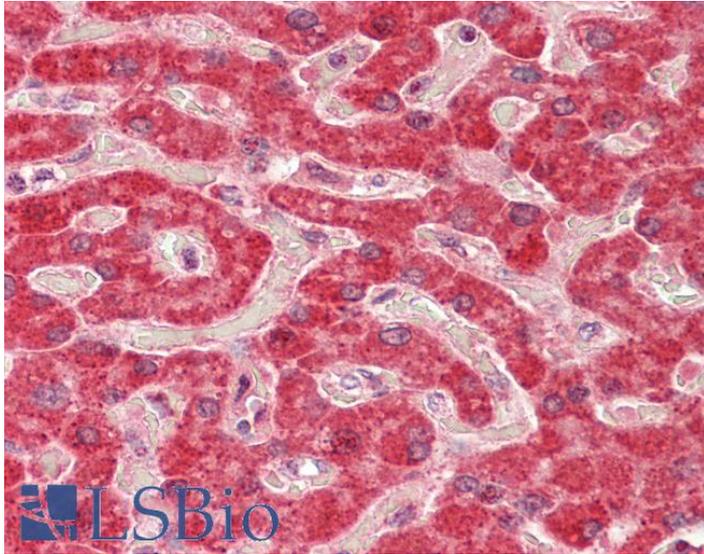


# GOAT ANTI-ALDH5A1 (AA 301-312) ANTIBODY

SKU: EB10436



## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	ALDH5A1 succinate-semialdehyde dehydrogenase SSDH SSADH NAD(+)-dependent succinic semialdehyde dehydrogenase mitochondrial succinate semialdehyde dehydrogenase aldehyde dehydrogenase 5A1 aldehyde dehydrogenase 5 family, member A1
<b>Accession ID</b>	NP_733936.1; NP_001071.1
<b>Blocking Peptide</b>	EBP10436
<b>Immunogen</b>	Peptide with sequence C-TGKILLHHAANS, from the internal region of the protein sequence according to NP_733936.1; NP_001071.1.
<b>Product Comments</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>Peptide Sequence</b>	C-TGKILLHHAANS
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Dog, Cow
<b>Reactive Species</b>	Human, Mouse, Rat
<b>Human Gene ID</b>	7915
<b>Mouse Gene ID</b>	214579
<b>Rat Gene ID</b>	291133
<b>Product Grade</b>	<a href="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</a>
<b>IHC Results</b>	Paraffin embedded Human Liver. Recommended concentration: 5µg/ml.
<b>ELISA</b>	
<b>Detection Limit</b>	Antibody detection limit dilution 1:16000.
<b>Western Blot</b>	Approx 55kDa band observed in Human Liver lysates (calculated MW of 58.7kDa according to NP_733936.1). Recommended concentration: 1-3µg/ml. Please note that both this product and EB10435 detects a 50kDa in Mouse and Rat Liver lysates (calculated MW of 56.0kDa according to Mouse NP_766120.1). Primary incubation was 1 hour.
<b>Application Type</b>	Pep-ELISA, WB, IHC

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

