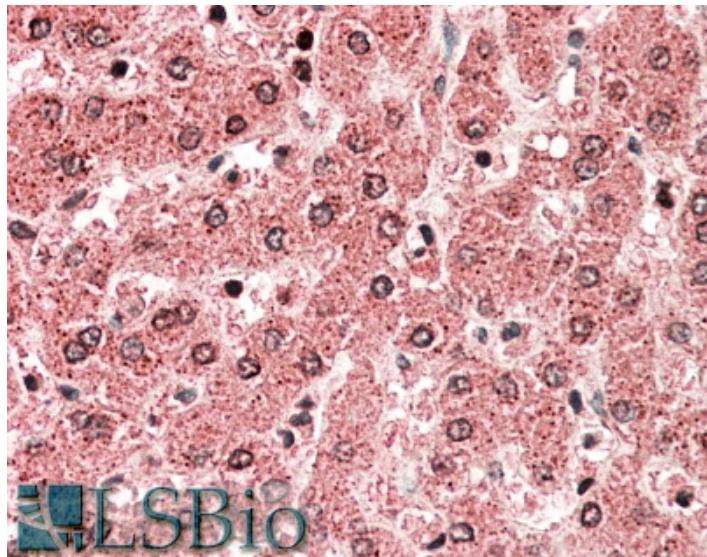


GOAT ANTI-ALDH5A1 (AA 485-496) ANTIBODY

SKU: EB10435



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 / ALDH5A1|succinate-semialdehyde dehydrogenase|SSDH|SSADH|NAD(+)-dependent succinic semialdehyde

Alias dehydrogenase|mitochondrial succinate semialdehyde dehydrogenase|aldehyde dehydrogenase 5A1|aldehyde

Names dehydrogenase 5 family, member A1

Accession ID NP_733936.1; NP_001071.1

Blocking Peptide EBP10435

Immunogen Peptide with sequence C-SQDPAQIWRVAE, from the internal region of the protein sequence according to NP_733936.1; NP_001071.1.

Product Comments 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.

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, Mouse, Rat |
| 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 |
| IHC Results | In paraffin embedded Human Liver shows heavy textured cytoplasm staining in hepatocytes, consistent with mitochondria.. Recommended concentration, 5-10µg/ml. |
| 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. Please note that both this product and EB10436 detects a 50kDa in Mouse and Rat Liver lysates (calculated MW of 56.0kDa according to Mouse NP_766120.1). |
| Application Type | Pep-ELISA, WB, IHC |

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

