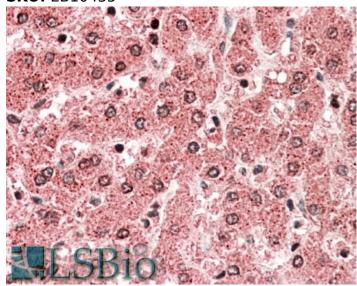




GOAT ANTI-ALDH5A1 (AA 485-496) ANTIBODY

SKU: EB10435

e erest



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

Storage

Instructions

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

Synonym / Alias

ALDH5A1|succinate-semialdehyde dehydrogenase|SSDH|SSADH|NAD(+)-dependent succinic semialdehyde dehydrogenase|mitochondrial succinate semialdehyde dehydrogenase|aldehyde dehydrogenase 5A1|aldehyde

dehydrogenase 5 family, member A1

Names Accession

NP_733936.1; NP_001071.1

Blocking

ID

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

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. Comments

Peptide Sequence

C-SQDPAQIWRVAE

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.





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Telephone: (650) 697-3600

Shipping Instructions

Refrigerated

Predicted

Human, Mouse, Rat, Dog, Cow

Species 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 cystoplasm staining in hepatocytes, consistent with

mitochondia.. Recommended concentration, 5-10µg/ml.

ELISA

Detection

Antibody detection limit dilution 1:32000.

Limit

Approx 55kDa band observed in Human Liver lysates (calculated MW of 58.7kDa according to NP_733936.1).

Western Recommended concentration: 0.3-1µg/ml. Please note that both this product and EB10436 detects a 50kDa in **Blot**

Mouse and Rat Liver lysates (calculated MW of 56.0kDa according to Mouse NP_766120.1).

Application

Type

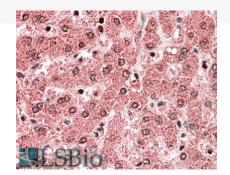
Pep-ELISA, WB, IHC

GALLERY IMAGES



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250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa 15kDa