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

SKU: EB10435-B

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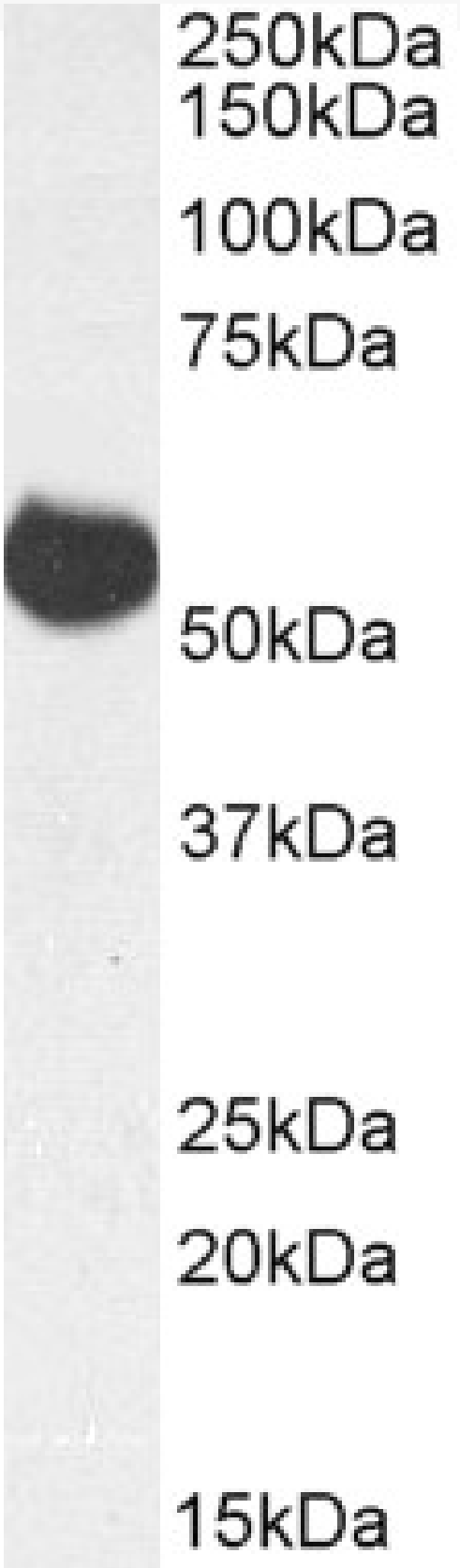

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SPECIFICATIONS

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 Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	aldehyde dehydrogenase 5 family, member A1|aldehyde dehydrogenase 5A1|mitochondrial succinate semialdehyde dehydrogenase|NAD(+)-dependent succinic semialdehyde 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 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
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
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

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