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GOAT ANTI-ALDH6A1 (AA487-496) ANTIBODY

SKU: EB10437

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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 6 family, member A1|aldehyde dehydrogenase 6A1|MGC40271|mitochondrial acylating methylmalonate-semialdehyde dehydrogenase|MMSADHA|MMSDH|ALDH6A1
Accession ID	NP_005580.1; NP_001265522.1; NP_001265523.1
Blocking Peptide	EBP10437
Immunogen	Peptide with sequence C-SRSSFRGDTN, from the internal region of the protein sequence according to NP_005580.1; NP_001265522.1; NP_001265523.1.
Product Comments	This antibody is expected to recognize all three reported isoform (NP_005580.1; NP_001265522.1; NP_001265523.1).
Peptide Sequence	C-SRSSFRGDTN
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, Pig
Reactive Species	Human, Mouse, Rat
Human Gene ID	4329
Mouse Gene ID	104776
Rat Gene ID	81708
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 textured staining of the cytoplasm 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, Mouse and Rat Kidney lysates (calculated MW of 57.8kDa according to NP_005580.1). Recommended concentration: 0.1-0.3µg/ml.
Application Type	Pep-ELISA, WB, IHC

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DOCUMENTS

- Data Sheet

GALLERY IMAGES



