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Research Use Only. Not for diagnostic or therapeutic use.

EB07138 - Goat Anti-ALDH1A1 (Internal) Antibody 🌠

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: ALDH1A1, aldehyde dehydrogenase 1 family, member A1, ALDC, ALDH-E1, ALDH1, ALDH11, MGC2318, PUMB1, RALDH1, ALDH class 1, acetaldehyde dehydrogenase 1, aldehyde dehydrogenase 1, soluble, aldehyde dehydrogenase 1A1, aldehyde dehydrogenase, liver cytosolic, retinal dehydrogenase 1 Official Symbol: ALDH1A1 Accession Number(s): NP_000680.2

Human GeneID(s): 216

Immunogen

Peptide with sequence C-RELGEYGFHEYTE, from the internal region of the protein sequence according to NP_000680.2.

Please note the peptide is available for sale.

Purification and Storage

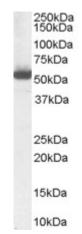
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

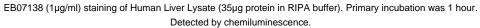
Applications Tested

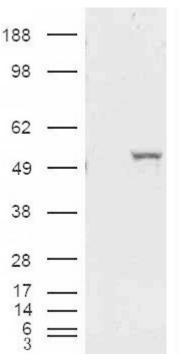
Peptide ELISA: antibody detection limit dilution 1:32000.
Western blot: Approx 55kDa band observed in Human Liver lysates (calculated MW of 54.9kDa according to NP_000680.2). Recommended concentration: 1-3µg/ml.
IHC: Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.

Species Reactivity

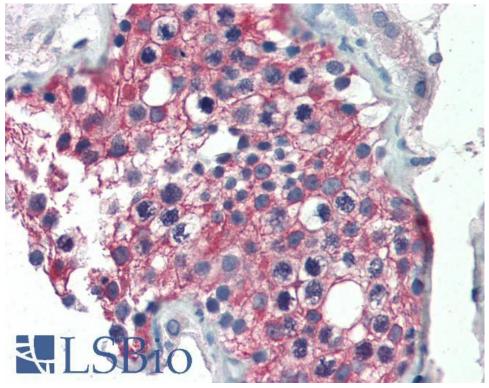
Tested: Human Expected from sequence similarity: Human, Mouse, Rat







HEK293 overexpressing ALDH1A1 and probed with EB07138 (mock transfection in first lane).



EB07138 (5µg/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.