

Goat anti-ALDH1B1 Antibody

Item Number	dAP-2128
Target Molecule	Principle Name: ALDH1B1; Official Symbol: ALDH1B1; All Names and Symbols: ALDH1B1; aldehyde dehydrogenase 1 family, member B1; ALDH5; ALDHX; MGC2230; ALDH class 2; acetaldehyde dehydrogenase 5; aldehyde dehydrogenase 1B1; aldehyde dehydrogenase 5; mitochondrial aldehyde dehydrogenase X; Accession Number (s): NP_000683.3; Human Gene ID(s): 219; Non-Human GeneID(s):
Immunogen	DKEQFERVLGYIQ, is from interal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	Western Blot: Approx 60kDa band observed in Human Liver lysates (calculated MW of 57.2kDa according to NP_000683.3). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Husemoen LL, Fenger M, Friedrich N, Tolstrup JS, Beenfeldt Fredriksen S, Linneberg A, The association of ADH and ALDH gene variants with alcohol drinking habits and cardiovascular disease risk factors. Alcoholism, clinical and experimental research 2008 Nov 32 (11): 1984-91..PMID: 18782342->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**