

Goat anti-ALDH3A2 Antibody

Item Number	dAP-2137
Target Molecule	Principle Name: ALDH3A2; Official Symbol: Aldh3a2; All Names and Symbols: Aldh3a2; aldehyde dehydrogenase 3 family, member A2; Aldh4; FALDH; alcohol dehydrogenase family 3, subfamily A2; aldehyde dehydrogenase 3A2; aldehyde dehydrogenase 4; aldehyde dehydrogenase family 3 member A2; aldehyde dehydrogenase family 3, subfamily A2; Accession Number (s): NP_113919.2; Human Gene ID(s): ; Non-Human GeneID(s): 11671 (mouse) 65183 (rat)
Immunogen	KGLKGESVNKLRY, is from internal region This antibody is expected to recognize both reported isoforms (NP_001026976.1; NP_000373.1).
Applications	Pep ELISA, WB Species Tested: Mouse, Rat
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 32000.
Western Blot	Western Blot: Approx 55kDa band observed in Mouse and Rat Liver lysates (calculated MW of 54.0kDa according to Mouse NP_031463.2 and 54.1kDa according to Rat NP_113919.2). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Rizzo WB, Craft DA, Somer T, Carney G, Trafrova J, Simon M, Abnormal fatty alcohol metabolism in cultured keratinocytes from patients with Sjogren-Larsson syndrome. Journal of lipid research 2008 Feb 49 (2): 410-9..PMID: 17971613->

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**