

Goat anti-pan ADH Antibody

Item Number	dAP-0587
Target Molecule	Principle Name: pan ADH; Official Symbol: ADH1A, B, C; All Names and Symbols: pan ADH; ADH1B; ADH2; alcohol dehydrogenase 1B (class I), beta polypeptide; ADH, beta subunit; aldehyde reductase; alcohol dehydrogenase 2; alcohol; ADH, gamma subunit; alcohol dehydrogenase 3 (class I), gamma polypeptide dehydrogenase 2 (class I), beta p; Accession Number (s): NP_000658.1; NP_000659.2; NP_000660.1; Human Gene ID(s): 124; 125; 126; Non-Human GeneID(s):
Immunogen	STAGKVMKCKA, is from N Terminus This antibody is expected to recognise the alpha (ADH1A, NP_000658.1), the beta (ADH1B, NP_000659.2) and gamma (ADH1C, NP_000660.1) polypeptide variants of human alcohol dehydrogenase.
Applications	Pep ELISA, WB, IHC 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 8000.
Western Blot	Western Blot: Approx 38kDa band observed in Human Liver lysates (calculated MW of 39.9kDa according to NP_000658.1, NP_000659.2 and 000660.1). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: Customer found this product to work in IHC on Human Liver.
Reference	Reference(s): Ikuta T, Fujiyoshi T, Kurachi K, Yoshida A. Molecular cloning of a full-length cDNA for human alcohol dehydrogenase. Proc Natl Acad Sci U S A. 1985 May;82(9):2703-7. PMID: 2986130 ->

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 end users! This product is sold for **Research Use Only**