

## Goat anti-pan ADH, Biotinylated Antibody

Item Number	dAP-3369
Target Molecule	Principle Name: pan ADH, Biotinylated; 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 39kDa band observed in Human Liver lysates (calculated MW of 39.9kDa according to NP_000658.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Ikuta T, Fujiyoshi T, Kurachi K, Yoshida A. Molecular cloning of a full-length cDNA for human alcohol dehydrogenase. Proceedings of the National Academy of Sciences of the United States of America 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**