

## Goat anti-pan ADH, Biotinylated Antibody

<b>Item Number</b>	dAP-3369
<b>Target Molecule</b>	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):
<b>Immunogen</b>	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.
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 8000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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 ender users! This product is sold for **Research Use Only**