

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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EB06599-B - Goat Anti-pan ADH, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: pan ADH, ADH, beta subunit, ADH1B, ADH2, alcohol dehydrogenase 1B (class I), beta polypeptide, alcohol dehydrogenase 2, alcohol dehydrogenase 2 (class I), beta polypeptide, alcohol dehydrogenase IB (class I), beta polypeptide, aldehyde reductase

Official Symbol: ADH1A, B, C

Accession Number(s): NP_000658.1; NP_000659.2; NP_000660.1

Human GeneID(s): 124, 125

Important Comments: 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.

Immunogen

Peptide with sequence STAGKVMKCKA., from the N Terminus of the protein sequence according to NP_000658.1; NP_000659.2; NP_000660.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

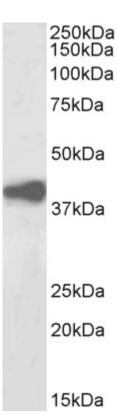
Peptide ELISA: antibody detection limit dilution 1:8000.

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.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



Biotinylated EB06599 (2μg/ml) staining of Human Liver lysate (35μg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.