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EB13107 - Goat Anti-pan ADH (N terminus) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: pan ADH, ADH1B, ADH2, alcohol dehydrogenase IB (class I), beta polypeptide, ADH, beta subunit, aldehyde reductase, alcohol dehydrogenase 2, alcohol dehydrogenase 2 (class I), beta polypeptide, alcohol dehydrogenase 1B (class I), beta polypeptide
Official Symbol: ADH1A, B, C
Accession Number(s): NP_000659.2; NP_000658.1; NP_000660.1
Human GeneID(s): 124 , 125
Important Comments: This is an alternative product to EB06599. 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 STAGKVIKCKAC, from the N Terminus of the protein sequence according to NP_000659.2; NP_000658.1; NP_000660.1.

Please note the peptide is available for sale.

Purification and Storage

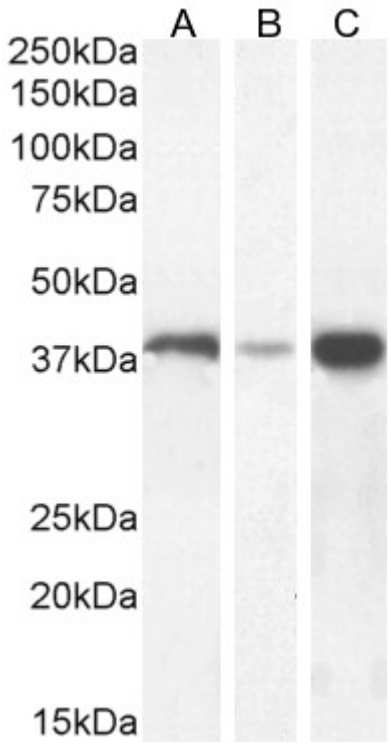
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

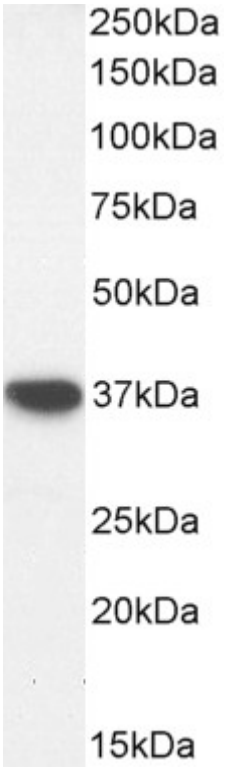
Peptide ELISA: antibody detection limit dilution 1:4000.
Western blot: Approx 38kDa band observed in Human Liver, Duodenum and Breast lysates and approx. 37kDa in Rat Liver lysates (calculated MW of 39.9kDa according to Human NP_000659.2 and 39.6kDa Rat NP_062159.3). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human, Rat
Expected from sequence similarity: Human, Mouse, Rat



EB13107 (0.3ug/ml) staining of Human Liver (A), (0.5ug/ml) Duodenum (B) and (1ug/ml) Breast (C) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB13107 (0.5ug/ml) staining of Rat Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.