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EB07997 - Goat Anti-Bisphosphate 3'-nucleotidase Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: bisphosphate 3\1-nucleotidase, 3\1(2\1), 5\1-bisphosphate

nucleotidase 1, PIP, BPntase, PAP-inositol-1,4-phosphatase

Official Symbol: BPNT1

Accession Number(s): NP_006076.4

Human GeneID(s): 10380

Non-Human GenelD(s): 23827 (mouse), 64473 (rat)

Immunogen

Peptide with sequence C-RNYDYYASRVPESIK, from the C Terminus of the protein

sequence according to NP_006076.4.

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

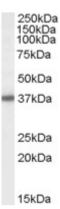
Peptide ELISA: antibody detection limit dilution 1:4000.

Western blot: Approx 37kDa band observed in Human Liver lysates (calculated MW of 33.4kDa according to NP_006076.4). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Spiegelberg et al, J Biol Chem. 1999 May 7;274(19):13619-28.; PMID: 10224133). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat



EB07997 (1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.