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Research Use Only. Not for diagnostic or therapeutic use.

EB08421-B - Goat Anti-Pleiotrophin, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PTN, pleiotrophin, HARP, HBGF8, HBNF, NEGF1, HB-GAM, HBBM, HBGF-8, HBNF-1, OSF-1, heparin affin regulatory protein, heparin binding growth factor 8, heparin-binding brain mitogen, heparin-binding growth factor 8, heparin-binding growth-associated molecule, heparin-binding neurite outgrowth-promoting factor 1, neurite growth-promoting factor 1, osteoblast-specific factor 1, pleiotrophin (heparin binding growth factor 8, neurite growth-promoting factor 1)

Official Symbol: PTN

Accession Number(s): NP_002816.1

Human GeneID(s): 5764

Non-Human GenelD(s): 19242 (mouse), 24924 (rat)

Immunogen

Peptide with sequence C-KEGKKQEKMLD., from the C Terminus of the protein sequence according to NP_002816.1.

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 18kDa band observed in Mouse fetal Brain lysates (calculated MW of 18.9kDa according to Mouse NP_032999.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB08421 (0.1μg/ml) staining of Mouse fetal Brain 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.