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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 GeneID(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



Biotinylated EB08421 (0.1 $\mu\text{g}/\text{ml}$) staining of Mouse fetal Brain lysate (35 μg 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.