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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09595 - Goat Anti-Pleiotrophin / PTN Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PTN, pleiotrophin, HARP, HBGF8, HBNF, NRG1, heparin affinity regulatory protein, heparin binding growth factor 8, heparin-binding growth-associated molecule, neurite growth-promoting 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 CGKLTQPKPQAESKK, from the internal region (near 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 1:64000.

Western blot: Approx 18kDa band observed in Mouse and Rat Brain lysates (calculated MW of 18.9kDa according to Human NP_002816.1 and to Mouse NP_032999.1).

Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow, Pig

EB09595 (0.3µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.