

#### **International Office**

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# EB09595 - Goat Anti-Pleiotrophin / PTN Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** PTN, pleiotrophin, HARP, HBGF8, HBNF, NEGF1, heparin affin 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 GenelD(s): 19242 (mouse), 24924 (rat)

# Immunogen

Peptide with sequence CGKLTKPKPQAESKK, 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.