

Goat anti-Pleiotrophin / PTN Antibody

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| Item Number | dAP-2081 |
| Target Molecule | Principle Name: Pleiotrophin / PTN; Official Symbol: PTN; All Names and Symbols: 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-pr; Accession Number (s): NP_002816.1; Human Gene ID(s): 5764; Non-Human GeneID(s): 19242 (mouse) 24924 (rat) |
| Immunogen | CGKLTGPKPQAESKK, is from internal region (near C Terminus) |
| Applications | Pep ELISA, WB Species Tested: Human |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 64000. |
| Western Blot | 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. |
| IHC | |
| Reference | Reference(s): Kretschmer PJ, Fairhurst JL, Hulmes JD, Popjes ML, Böhlen P, Kovesdi I Genomic organization of the human HBNF gene and characterization of an HBNF variant protein as a splice mutant Biochem Biophys Res Commun. 1993 Apr 30;192(2):420-9..PMID: 8484754-> |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**