ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-Pleiotrophin, Biotinylated Antibody

Item Number	dAP-3345
Target Molecule	Principle Name: Pleiotrophin, Biotinylated; Official Symbol: PTN; All Names and Symbols: 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; Accession Number (s): NP_002816.1; Human Gene ID(s): 5764; Non-Human GeneID(s): 19242 (mouse) 24924 (rat)
Immunogen	KEGKKQEKMLD., is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human, Mouse
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; Reconsititute 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 8000.
Western Blot	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.
IHC	
Reference	Reference(s): Chang Y, Zuka M, Perez-Pinera P, Astudillo A, Mortimer J, Berenson JR, Deuel TF. Secretion of pleiotrophin stimulates breast cancer progression through remodeling of the tumor microenvironment. Proceedings of the National Academy of Sciences of the United States of America 2007 Jun 104

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