

Rabbit Pleiotrophin Polyclonal Antibody | anti-PTN antibody

Anti-Pleiotrophin antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44992	Rabbit	Reacts with: Human, Rat Predicted to work with: Mouse	Immunohistochemistry, Western Blot

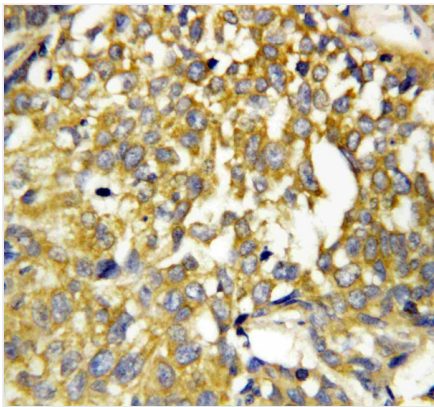
PRODUCT SYNONYMS

Pleiotrophin; Polyclonal Antibody; Anti-Pleiotrophin antibody; Pleiotrophin(PTN); pleiotrophin; HARP antibody; HB-GAM antibody; HBBM antibody; HBGAM antibody; HBGF-8 antibody; HBGF8 antibody; HBNF antibody; HBNF-1 antibody; HBNF1 antibody; Heparin binding growth associated molecule antibody; Heparin binding growth factor 8 antibody; Heparin binding neurite outgrowth promoting factor 1 antibody; Heparin-binding brain mitogen antibody; Heparin-binding growth factor 8 antibody; Heparin-binding growth-associated molecule antibody; Heparin-binding neurite outgrowth-promoting factor 1 antibody; NEGF1 antibody; Neurite growth promoting factor 1 antibody; OSF-1 antibody; OSF1 antibody; Osteoblast-specific factor 1 antibody; Pleiotrophin antibody; PTN antibody; PTN_HUMAN antibody; anti-PTN antibody

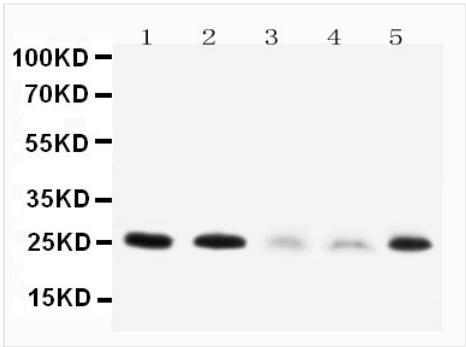
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with: Human, Rat Predicted to work with: Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	168
Applicable Applications for anti-PTN antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Pleiotrophin (150-168aa QAESKKKKKEGKKQEKMLD), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Pleiotrophin antibody, AAA44992, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)
Anti-Pleiotrophin antibody, AAA44992, Western blottingLane 1: Rat Brain Tissue LysateLane 2: Rat Kidney Tissue LysateLane 3: MCF-7 Cell LysateLane 4: HT1080 Cell LysateLane 5: SMMC Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-PTN antibody	Background: Pleiotrophin(PTN) also known as heparin-binding brain mitogen(HBBM) or heparin-binding growth factor 8(HBGF-8) or neurite growth-promoting factor 1(NEGF1) or heparin affinity regulatory peptide(HARP) or heparin binding growth associated molecule(HB-GAM) is a protein that in humans is encoded by the PTN gene. PTN is the first member of a family of developmentally regulated cytokines. The PTN gene is mapped to 7q33-q34. A mutant PTN that contained only the first N-terminal 40 amino acids was a dominant negative. Pleiotrophin is expressed in the central and peripheral nervous system and also in several non-neural tissues, notably lung, kidney, gut and bone. Pleiotrophin binds to cell-surface nucleolin as a low affinity receptor. This binding can inhibit HIV infection. The internal QC lab provides a series of assays reacted with primary antibodies. Antibody can be supported by chemiluminescence kit MBS176460 in WB, supported by MBS176451 in IHC(P).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	131553
NCBI GeneID	5764
UniProt Accession #	P21246; Q5U0B0; Q6ICQ5; Q9UCC6
NCBI Official Full Name	Pleiotrophin
NCBI Official Synonym Full Names	pleiotrophin
NCBI Official Symbol	PTN
NCBI Official Synonym Symbols	HARP; HBNF; HBGF8; NEGF1
NCBI Protein Information	pleiotrophin; HBBM; OSF-1; HB-GAM; HBGF-8; HBNF-1; osteoblast-specific factor 1; heparin-binding brain mitogen; heparin binding growth factor 8; heparin-binding growth factor 8; heparin affin regulatory protein; neurite growth-promoting factor 1; heparin-binding growth-associated molecule; heparin-binding neurite outgrowth-promoting factor 1; pleiotrophin (heparin binding growth factor 8, neurite growth-promoting factor 1)
UniProt Protein Name	Pleiotrophin
UniProt Gene Name	PTN
UniProt Synonym Gene Names	HBNF1; NEGF1; PTN; HBBM; HBGF-8; HB-GAM; HBNF-1; OSF-1
UniProt Entry Name	PTN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

