

Rabbit PTN Polyclonal Antibody | anti-PTN antibody

PTN Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286044	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

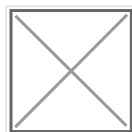
PRODUCT SYNONYMS

PTN; Polyclonal Antibody; PTN Antibody (C-term); Pleiotrophin; Heparin-binding brain mitogen; HBBM; Heparin-binding growth factor 8; HBGF-8; Heparin-binding growth-associated molecule; HB-GAM; Heparin-binding neurite outgrowth-promoting factor 1; HBNF-1; Osteoblast-specific factor 1; OSF-1; HBNF1; NEGF1; anti-PTN antibody

PRODUCT SPECIFICATIONS

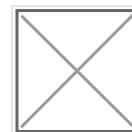
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PTN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 127-154 amino acids from the C-terminal region of human PTN.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	127-154
Sequence Length	168
Applicable Applications for anti-PTN antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

PTN Antibody (C-term) flow cytometric analysis of U251 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

PTN Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PTN Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

PTN Antibody (C-term) western blot analysis in U251,NCI-H460 cell line lysates (35ug/lane).This demonstrates the PTN antibody detected the PTN protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PTN antibody	PTN ia a heparin binding mitogenic protein. It has neurite extension activity.
Product Categories/Family for anti-PTN antibody	Cancer; Immunology; Neuroscience; Signal transduction
References	Li, F., et al. J. Biol. Chem. 285(36):27673-27685(2010) Dos Santos, C., et al. Int. J. Cancer 127(5):1038-1051(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Svensson, S.L., et al. J. Biol. Chem. 285(21):16105-16115(2010) M'Bika, J.P., et al. J. Gen. Virol. 91 (PT 5), 1346-1353 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506281
NCBI GeneID	5764
NCBI Accession #	NP_002816.1
NCBI GenBank Nucleotide #	NM_002825.5
UniProt Accession #	P21246; Q5U0B0; Q6ICQ5; Q9UCC6
Molecular Weight	18942
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptn-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286044>