

Rabbit anti-Human PTN Polyclonal Antibody | anti-PTN antibody

PTN Antibody

CATALOG # AAA233984	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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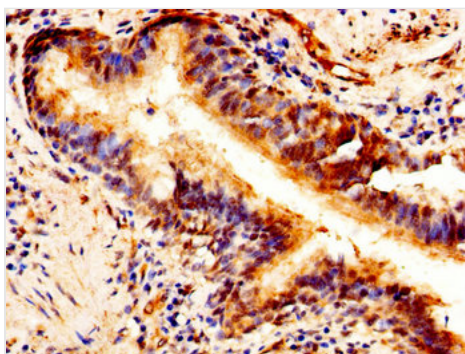
PRODUCT SYNONYMS

PTN; Polyclonal Antibody; PTN Antibody; 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

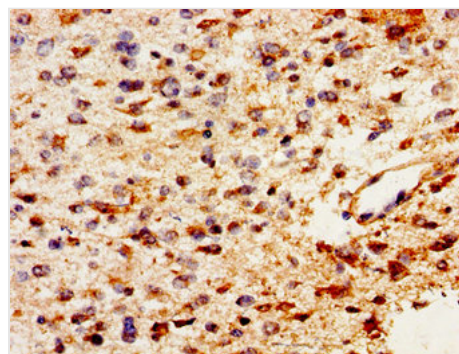
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	168
Applicable Applications for anti-PTN antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Pleiotrophin protein (33-168AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using AAA233984 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human glioma cancer using AAA233984 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-PTN antibody	Secreted growth factor that induces neurite outgrowth and which is mitogenic for fibroblasts, epithelial, and endothelial cells (PubMed:1768439, PubMed:1733956). Binds anaplastic lymphoma kinase (ALK) which induces MAPK pathway activation, an important step in the anti-apoptotic signaling of PTN and regulation of cell proliferation (PubMed:11278720). Binds to cell-surface target proteins via their chondroitin sulfate groups (PubMed:26896299). Down-regulates PTPRZ1 activity (PubMed:16814777).
Product Categories/Family for anti-PTN antibody	Neuroscience; Cancer; Immunology; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	1008909373
NCBI GeneID	5764
NCBI Accession #	NP_001308315.1
NCBI GenBank Nucleotide #	NM_001321386.2
UniProt Accession #	P21246; Q5U0B0; Q6ICQ5; Q9UCC6
Molecular Weight	18,942 Da
NCBI Official Full Name	pleiotrophin isoform 1
NCBI Official Synonym Full Names	pleiotrophin
NCBI Official Symbol	PTN
NCBI Official Synonym Symbols	HARP; HBBM; HBNF; HBGF8; NEGF1; OSF-1; HB-GAM; HBGF-8; HBNF-1
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

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.