

Rabbit PTN Polyclonal Antibody | anti-PTN antibody

PTN antibody - C-terminal region

CATALOG # AAA199542	HOST Rabbit	REACTIVITY Tested Reactivity: Human Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
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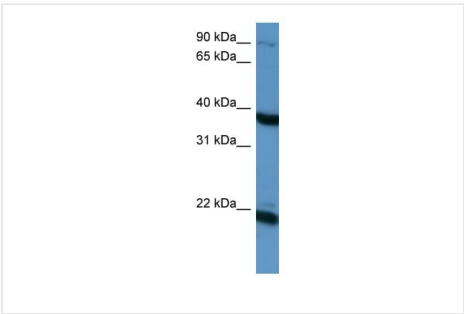
PRODUCT SYNONYMS

PTN; Polyclonal Antibody; PTN antibody - C-terminal region; anti-PTN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Reactivity: Human Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	Synthetic peptide localized within the following region: NT ALKTRTGSLK RALHNAECQK TVTISKPCGK LTKPKPQAES KKKKKEGK
Protein Size (# AA)	168 amino acids
Description of Target	PTN is a heparin binding mitogenic protein. It has neurite extension activity.
Protein Interactions	NEK6; CYP2E1; UBQLN1; TSC22D1; BAG6; SGTA; UBQLN4; FEZ1; PTN; KPNB1; CHD3; BARD1; GPRASP2; PIAS4; GADD45G; PFDN1; GSK3B; TAF1D; C7orf25; MRPL44; DNAJB11; NUDT21; C11orf58; GADD45A; BCL2L1; SUPT7L; SPIN1; UTP3; NAP1L5; LUC7L2; HGH1; GIPC2; CRCT1; BCCIP; TX
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PTN
Replacement Item	This antibody may replace item sc-1394 from Santa Cruz Biotechnology.
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-PTN Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive
Control: HepG2 cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-PTN antibody	This is a rabbit polyclonal antibody against PTN. It was validated on Western Blot Target Description: PTN is a heparin binding mitogenic protein. It has neurite extension activity.
Product Categories/Family for anti-PTN antibody	Polyclonal; Neurobiology; Signal Proteins; Cell Cycle Proteins; Growth Factors & Hormones; Membrane Protein; Cell Biology; Membrane & Traffic; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506281
NCBI GeneID	5764
NCBI Accession #	NP_002816
NCBI GenBank Nucleotide #	NM_002825
UniProt Accession #	P21246
Molecular Weight	19kDa
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
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.