

Immunotag™ PTN Antibody

Antibody Specification	
Catalog No.	ITA7273
Product Description	Immunotag™ PTN Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PTN
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthetic peptide of humanPTN
Specificity	PTN Antibody detects endogenous levels of total PTN
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PTN
Accession No.	P21246

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Alternate Names	HARP; HB-GAM; HBBM; HBGAM; HBGF-8; HBGF8; HBNF; HBNF-1; HBNF1; heparin affinity regulatory protein; Heparin binding growth associated molecule; Heparin binding growth factor 8; Heparin binding neurite outgrowth promoting factor 1; Heparin-binding brain mitogen; Heparin-binding growth factor 8; Heparin-binding growth-associated molecule; heparin-binding neurite outgrowth promoting factor; Heparin-binding neurite outgrowth-promoting factor 1; NEGF1; Neurite growth promoting factor 1; Neurite outgrowth-promoting factor, heparin-binding; OSF-1; OSF1; Osteoblast-specific factor 1; pleiotrophin (heparin binding growth factor 8, neurite growth-promoting factor 1); Pleiotrophin; PTN; PTN_HUMAN;
Description	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 PTPN22 activity (PubMed:16814777).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	19kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.