

Datasheet for ABIN6988985  
**anti-Pleiotrophin antibody**



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## Overview

Quantity:	100 µL
Target:	Pleiotrophin (PTN)
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pleiotrophin antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PTN
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	Pleiotrophin (PTN)
Alternative Name:	PTN ( <a href="#">PTN Products</a> )

## Target Details

Background:	<p>Synonyms: pleiotrophin, HARP, HBBM, HBGM, HBGF8, HBNF, HBNF1, Heparin Binding Growth Factor 8, Heparin binding neurite outgrowth promoting factor 1, heparin-binding growth associated molecule, NEGF1, Neurite Growth Promoting Factor 1, OSF-1, osteoblast-specific factor, PTN, PTN_HUMAN.</p> <p>Background: Secreted growth factor that induces neurite outgrowth and which is mitogenic for fibroblasts, epithelial, and endothelial cells. 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.</p>
Gene ID:	5764
UniProt:	<a href="#">P21246</a>
Pathways:	<a href="#">RTK Signaling</a>

## Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Handling

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Expiry Date: 12 months