

Datasheet for ABIN392210  
**anti-Pleiotrophin antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	400 µL
Target:	Pleiotrophin (PTN)
Binding Specificity:	AA 18-46, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This PTN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-46 amino acids from the N-terminal region of human PTN.
Clone:	RB14475
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Pig, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

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

## Target Details

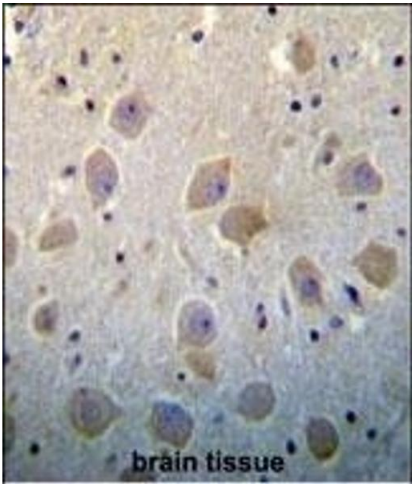
Background:	Pleiotrophin or Neurite Growth-promoting Factor 1 (NEGF1), also called Heparin Affin Regulatory Peptide (HARP) or Heparin Binding Growth associated molecule (HB-GAM) is an 18-kDa growth factor that has a high affinity for heparin. It is structurally related to midkine and retinoic acid induced heparin-binding protein.
Molecular Weight:	18942
Gene ID:	5764
NCBI Accession:	<a href="#">NP_002816</a>
UniProt:	<a href="#">P21246</a>
Pathways:	<a href="#">RTK Signaling</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

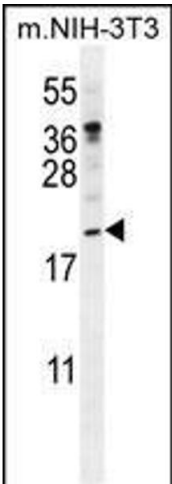
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** PTN Antibody (N-term) (ABIN392210 and ABIN2841908) 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 (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

**Image 2.** PTN Antibody (N-term) (ABIN392210 and ABIN2841908) western blot analysis in mouse NIH-3T3 cell line lysates (35 µg/lane). This demonstrates the PTN antibody detected the PTN protein (arrow).