

Datasheet for ABIN656197

**anti-Pleiotrophin antibody (C-Term)**

3 Images

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## Overview

Quantity:	400 µL
Target:	Pleiotrophin (PTN)
Binding Specificity:	AA 127-154, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pleiotrophin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	This PTN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 127-154 amino acids from the C-terminal region of human PTN.
Clone:	RB14477
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Pleiotrophin (PTN)
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## Target Details

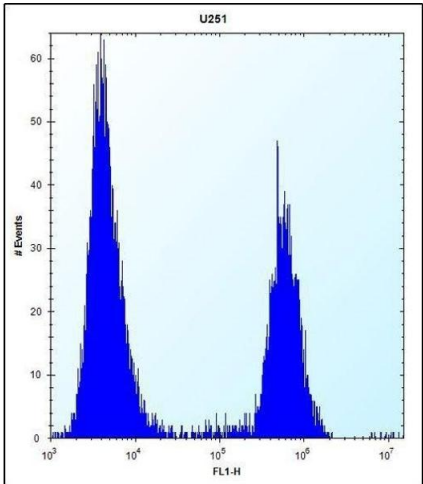
Alternative Name:	PTN ( <a href="#">PTN Products</a> )
Background:	PTN is a heparin binding mitogenic protein. It has neurite extension activity.
Molecular Weight:	18942
Gene ID:	5764
NCBI Accession:	<a href="#">NP_002816</a>
UniProt:	<a href="#">P21246</a>
Pathways:	<a href="#">RTK Signaling</a>

## Application Details

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

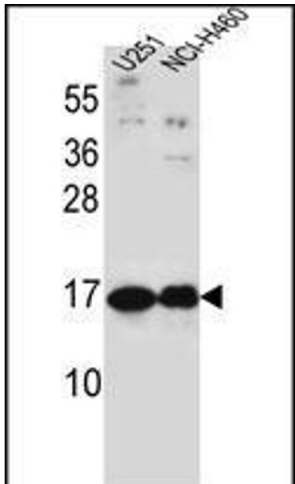
## Handling

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:	PTN Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



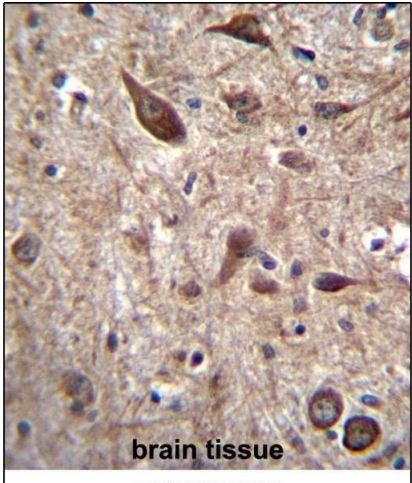
### Flow Cytometry

**Image 1.** PTN Antibody (C-term) (ABIN656197 and ABIN2845519) flow cytometric analysis of cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



### Western Blotting

**Image 2.** PTN Antibody (C-term) (ABIN656197 and ABIN2845519) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the PTN antibody detected the PTN protein (arrow).



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** PTN Antibody (C-term) (ABIN656197 and ABIN2845519) 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 (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.