# antibodies -online.com







Image



### Overview

Quantity:	200 μL
Target:	Pleiotrophin (PTN)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pleiotrophin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### **Product Details**

Immunogen:	Synthetic peptide of human PTN
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

# **Target Details**

Target:	Pleiotrophin (PTN)
Alternative Name:	PTN (PTN Products)
Background:	Pleiotrophin(PTN) also known asheparin-binding brain mitogen(HBBM) orheparin-binding growth factor 8(HBGF-8) orneurite growth-promoting factor 1(NEGF1) orheparin affinity regulatory peptide(HARP) orheparin binding growth associated molecule(HB-GAM) is aproteinthat in humans is encoded by the PTN gene. Pleiotrophin is an 18-kDagrowth factor that

### **Target Details**

has a high affinity forheparin. It is structurally related tomidkineandretinoic acid induced heparin-binding protein. 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.

Molecular Weight: 19 kDa

NCBI Accession: NP\_002816

UniProt: P21246

Pathways: RTK Signaling

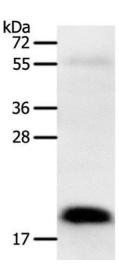
## **Application Details**

Application Notes: WB 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



## **Western Blotting**

**Image 1.** Western Blot analysis of Human colon cancer tissue using PTN Polyclonal Antibody at dilution of 1:600