

Datasheet for ABIN7163691

**anti-Pleiotrophin antibody (AA 33-168)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Pleiotrophin (PTN)
Binding Specificity:	AA 33-168
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pleiotrophin antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Recombinant Human Pleiotrophin protein (33-168AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	Pleiotrophin (PTN)
Alternative Name:	PTN ( <a href="#">PTN Products</a> )
Background:	Background: Secreted growth factor that induces neurite outgrowth and which is mitogenic for fibroblasts, epithelial, and endothelial cells (PubMed:1768439, PubMed:1733956). Binds

## Target Details

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 PTPRZ1 activity (PubMed:16814777).

Aliases: HARP antibody, HB-GAM antibody, HBBM antibody, HBGAM antibody, HBGF-8 antibody, HBGF8 antibody, HBNF antibody, HBNF-1 antibody, HBNF1 antibody, heparin affinity regulatory protein antibody, Heparin binding growth associated molecule antibody, Heparin binding growth factor 8 antibody, Heparin binding neurite outgrowth promoting factor 1 antibody, Heparin-binding brain mitogen antibody, Heparin-binding growth factor 8 antibody, Heparin-binding growth-associated molecule antibody, heparin-binding neurite outgrowth promoting factor antibody, Heparin-binding neurite outgrowth-promoting factor 1 antibody, NEGF1 antibody, Neurite growth promoting factor 1 antibody, Neurite outgrowth-promoting factor, heparin-binding antibody, OSF-1 antibody, OSF1 antibody, Osteoblast-specific factor 1 antibody, pleiotrophin (heparin binding growth factor 8, neurite growth-promoting factor 1) antibody, Pleiotrophin antibody, PTN antibody, PTN\_HUMAN antibody

UniProt: [P21246](#)

Pathways: [RTK Signaling](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

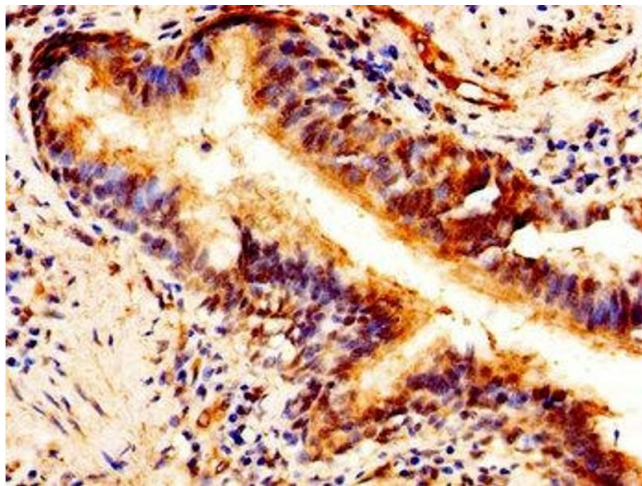
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

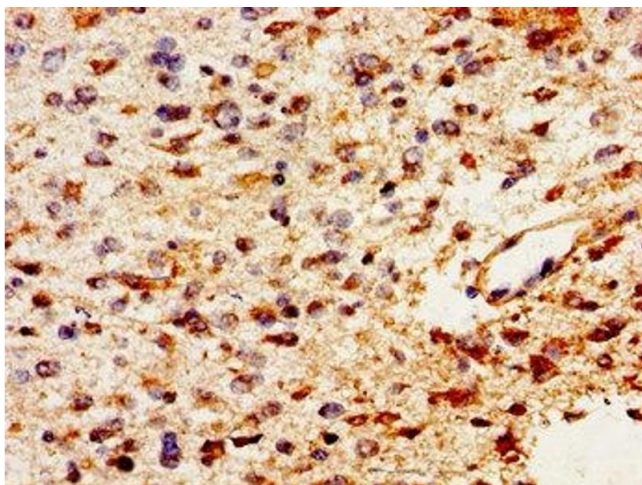
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human lung cancer using ABIN7163691 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human glioma using ABIN7163691 at dilution of 1:100