

Datasheet for ABIN7433426

anti-Pleiotrophin antibody (AA 33-168)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Pleiotrophin (PTN)
Binding Specificity:	AA 33-168
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pleiotrophin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Pleiotrophin (PTN)
Immunogen:	Recombinant Pleiotrophin (PTN) corresponding to Gly33~Asp168 (Accession # P21246)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PTN. It has been selected for its ability to recognize PTN in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

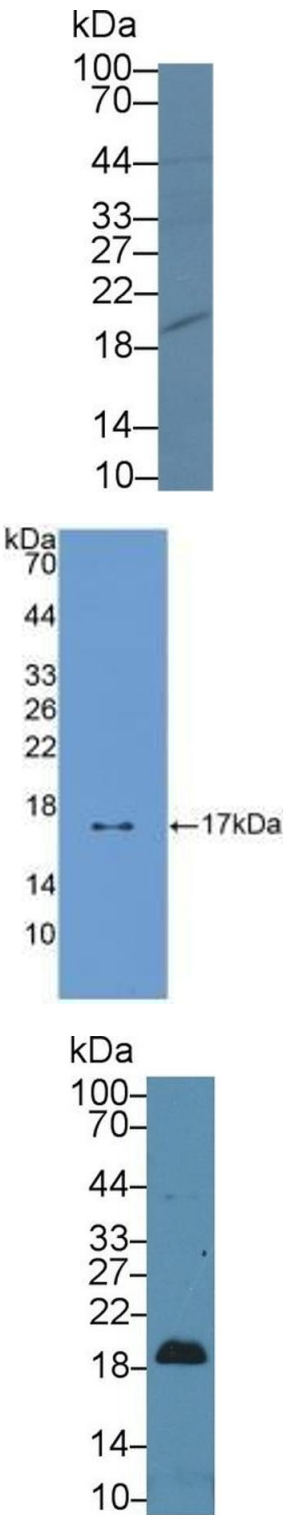
Target:	Pleiotrophin (PTN)
Alternative Name:	Pleiotrophin (PTN Products)
Background:	HARP, HBGF8, HBNF, NEGF1, Heparin Binding Growth Factor 8, Neurite Growth-Promoting Factor 1, Heparin Affin Regulatory Peptide, Heparin Binding Growth Associated Molecule
Pathways:	RTK Signaling

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of PTN in Rat Cerebrum lysate using Polyclonal Antibody to Pleiotrophin (PTN)

Western Blotting

Image 2. Detection of Recombinant PTN, Human using Polyclonal Antibody to Pleiotrophin (PTN)

Western Blotting

Image 3. Detection of PTN in Mouse Cerebrum lysate using Polyclonal Antibody to Pleiotrophin (PTN)