

Datasheet for ABIN571048

anti-Pleiotrophin antibody (Internal Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Pleiotrophin (PTN)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Pleiotrophin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Pleiotrophin / PTN
Immunogen:	Peptide with sequence CGKLTGPKPQAESKK, from the internal region (near C Terminus) of the protein sequence according to NP_002816.1.
Sequence:	CGKLTGPKPQ AESKK
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Pleiotrophin (PTN)
Alternative Name:	PTN (PTN Products)
Background:	PTN, pleiotrophin, HARP, HBGF8, HBNF, NEGF1, heparin affin regulatory protein, heparin binding growth factor 8, heparin-binding growth-associated molecule, neurite growth-promoting factor 1, pleiotrophin (heparin binding growth factor 8, neurite growth-pr
Gene ID:	5764, 19242, 24924
NCBI Accession:	NP_002816
Pathways:	RTK Signaling

Application Details

Application Notes:	Western Blot: Approx 18 kDa band observed in Mouse and Rat Brain lysates (calculated MW of 18.9 kDa according to Human NP_002816.1 and to Mouse NP_032999.1). Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN571048 (0.3µg/ml) staining of Rat Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.