

Datasheet for ABIN954196

anti-Pleiotrophin antibody (C-Term)

2 Images



[Go to Product page](#)

Overview

Quantity:	0.4 mL
Target:	Pleiotrophin (PTN)
Binding Specificity:	AA 125-154, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pleiotrophin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 125-154aa) of human Pleiotrophin / PTN
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Pleiotrophin / PTN at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Purified through a Protein A column followed by peptide affinity purification

Target Details

Target:	Pleiotrophin (PTN)
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Target Details

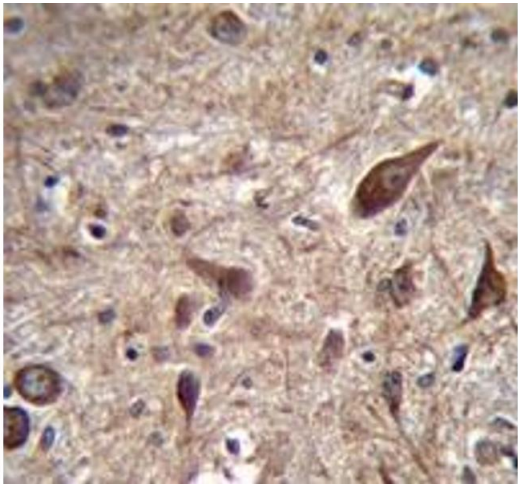
Alternative Name:	Pleiotrophin / PTN (PTN Products)
Background:	Pleiotrophin is a heparin binding mitogenic protein. It has neurite extension activity.Synonyms: HB-GAM, HBBM, HBGF-8, HBNF-1, HBNF1, Heparin-binding brain mitogen, Heparin-binding growth factor 8, Heparin-binding growth-associated molecule, Heparin-binding neurite outgrowth-promoting factor 1, NEGF1, OSF-1, OSF1, Osteoblast-specific factor 1
Gene ID:	5764
NCBI Accession:	NP_002816
Pathways:	RTK Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

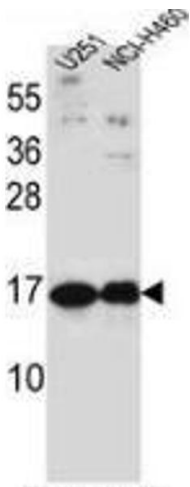
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in human brain tissue (Formalin-fixed, Paraffin-embedded) using Pleiotrophin / PTN Antibody (C-term), followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Pleiotrophin antibody for IHC. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis in U251, NCI-H460 cell line lysates (35ug/lane) using Pleiotrophin / PTN Antibody (C-term). This demonstrates the Pleiotrophin antibody detected the Pleiotrophin protein (arrow).