

Product datasheet for **AP53507PU-N**

Pleiotrophin (PTN) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin sections: 1/10-1/50. Western blot: 1/1000. Enzyme immunoassay: 1/1000. Flow Cytometry: 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 127-154 aa) of human Pleiotrophin / PTN
Specificity:	This antibody recognizes Pleiotrophin / PTN at C-term.
Formulation:	PBS with 0.09% (W/V) Sodium azide State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Purified through a Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	pleiotrophin
Database Link:	Entrez Gene 5764 Human P21246
Background:	Pleiotrophin is a heparin binding mitogenic protein. It has neurite extension activity.
Synonyms:	HBNF1, HBNF-1, NEGF1, HBBM, HBGF-8, HB-GAM, OSF1, OSF-1

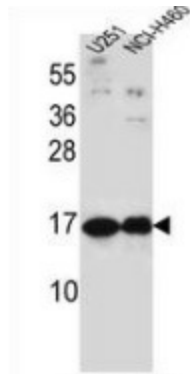


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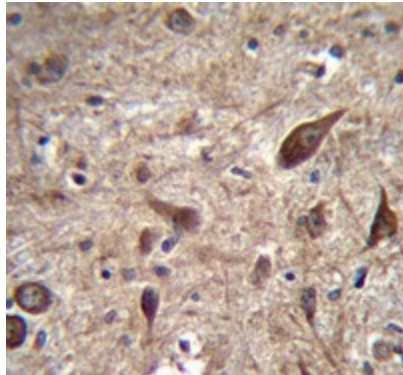
Note: **Molecular Weight:** 18942 Da

Protein Families: Druggable Genome, Phosphatase, Secreted Protein, Transmembrane

Product images:



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).



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.