

Product Datasheet

Pleiotrophin/PTN Antibody (JE47-40) NBP3-32877

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-32877

Pleiotrophin/PTN Antibody (JE47-40)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE47-40
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	19 kDa
Product Description	
Host	Rabbit
Gene ID	5764
Gene Symbol	PTN
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Pleiotrophin/PTN aa 1-100. (Uniprot: P21246)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:3000



Images

Western Blot: Pleiotrophin/PTN Antibody (JE47-40) [NBP3-32877] - Western blot analysis of Pleiotrophin/PTN on different lysates with Rabbit anti-Pleiotrophin/PTN antibody (NBP3-32877) at 1/1,000 dilution.

Lane 1: Human brain tissue lysate
Lane 2: Mouse brain tissue lysate
Lane 3: Rat brain tissue lysate

Lysates/proteins at 40 ug/Lane.

Predicted band size: 19 kDa
Observed band size: 19 kDa

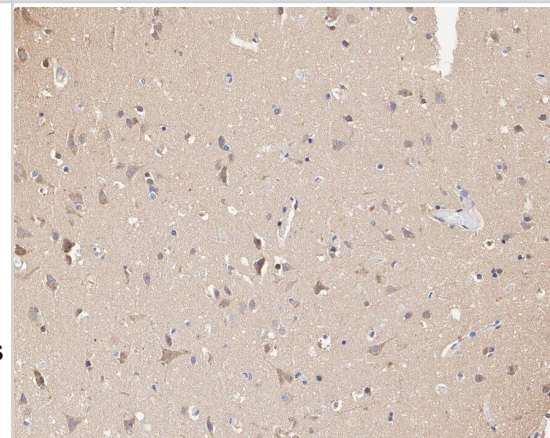
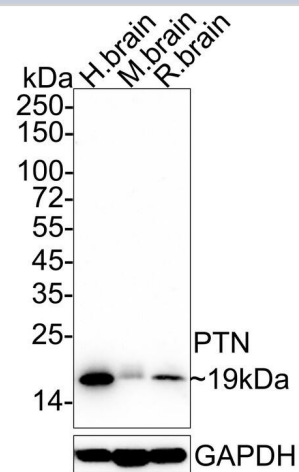
Exposure time: 3 minutes 5 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32877) at 1/1,000 dilution was used in 5% NFDm/TBST at 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: Pleiotrophin/PTN Antibody (JE47-40) [NBP3-32877] - Immunohistochemical analysis of paraffin-embedded human brain tissue with Rabbit anti-Pleiotrophin/PTN antibody (NBP3-32877) at 1/3,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32877) at 1/3,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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