

# Product Datasheet

## **PANP/PILR alpha associated neural protein Antibody - BSA Free NBP1-90541**

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### **Publications: 2**

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Updated 3/4/2026 v.20.1

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**NBP1-90541**

PANP/PILR alpha associated neural protein Antibody - BSA Free

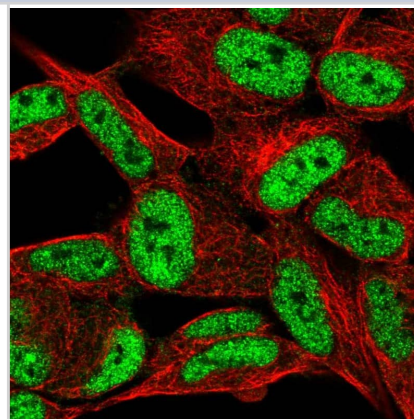
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	196500
Gene Symbol	PIANP
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DRSQKRRRPSGQQGALRQESQQPLTDLSPAGVTVLGAFGDSPTPTPDHEEP RGGPRPGMPPHKGAPAFQLNR

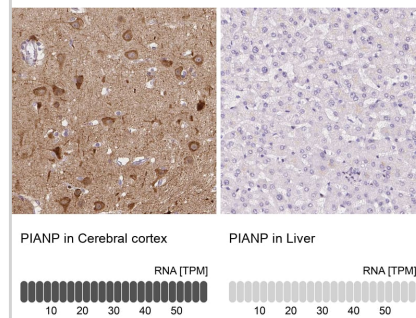
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

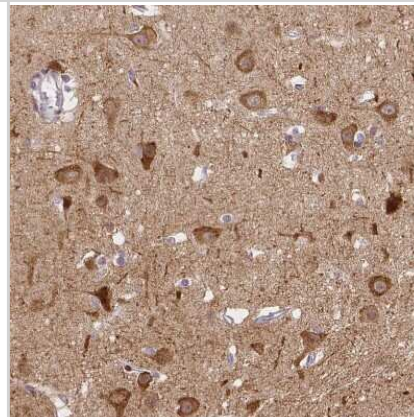
Staining of human cell line SH-SY5Y shows localization to nucleoplasm.



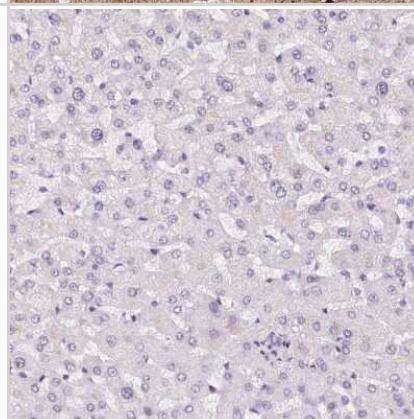
Analysis in human cerebral cortex and liver tissues using NBP1-90541 antibody. Corresponding PIANP RNA-seq data are presented for the same tissues.



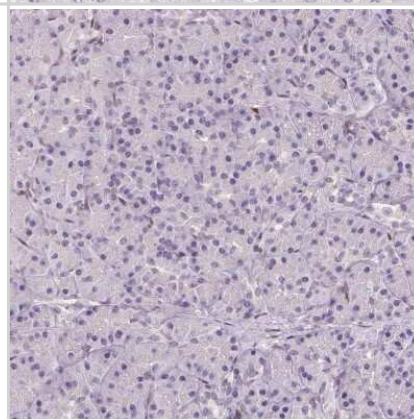
Immunohistochemistry-Paraffin: PANP/PILR alpha associated neural protein Antibody [NBP1-90541] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



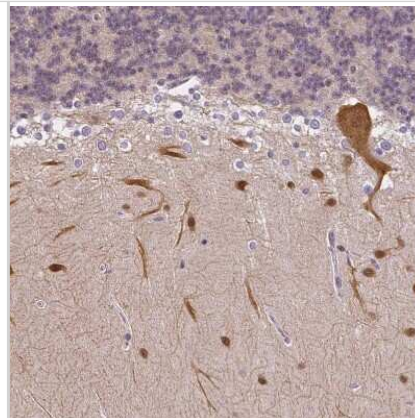
Immunohistochemistry-Paraffin: PANP/PILR alpha associated neural protein Antibody [NBP1-90541] - Staining of human liver shows no cytoplasmic positivity in hepatocytes as expected.



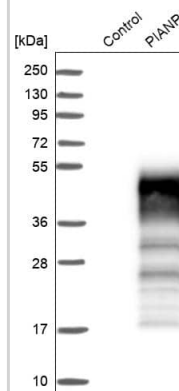
Immunohistochemistry-Paraffin: PANP/PILR alpha associated neural protein Antibody [NBP1-90541] - Staining of human pancreas shows no cytoplasmic positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: PANP/PILR alpha associated neural protein Antibody [NBP1-90541] - Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



Analysis in control (vector only transfected HEK293T lysate) and PIANP over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



## Publications

About Nader N, Blais □, St-Jean G et al. Effect of Inactivation of Mst1 and Mst2 in the Mouse Adrenal Cortex Journal of the Endocrine Society 2022-11-17 [PMID: 36405866]

MC Dinamarca, A Raveh, A Schneider, T Fritzius, S Früh, PD Rem, M Stawarski, T Lalanne, R Turecek, M Choo, V Besseyrias, W Bildl, D Bentrop, M Staufenie, M Gassmann, B Fakler, J Schwenk, B Bettler Complex formation of APP with GABAB receptors links axonal trafficking to amyloidogenic processing Nat Commun, 2019-03-22;10 (1):1331. 2019-03-22 [PMID: 30902970]



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### **Products Related to NBP1-90541**

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NBP1-90541PEP	PANP/PILR alpha associated neural protein Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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