

Product Datasheet

PCP4 Antibody - BSA Free NBP1-80929

Unit Size: 0.1 ml

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

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Publications: 8

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NBP1-80929

PCP4 Antibody - BSA Free

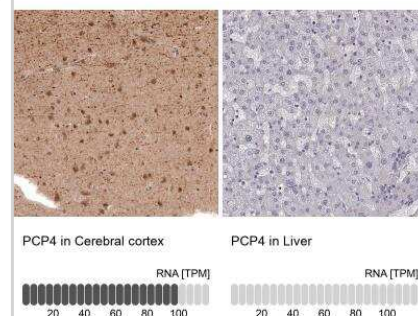
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit PCP4 Antibody - BSA Free (NBP1-80929) is a polyclonal antibody validated for use in IHC. Anti-PCP4 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5121
Gene Symbol	PCP4
Species	Human, Mouse, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 26214372).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GAGATNGKDKTSGENDGQKKVQEEFDIDMDAPETERAAVAIQSQFRKFQKKK

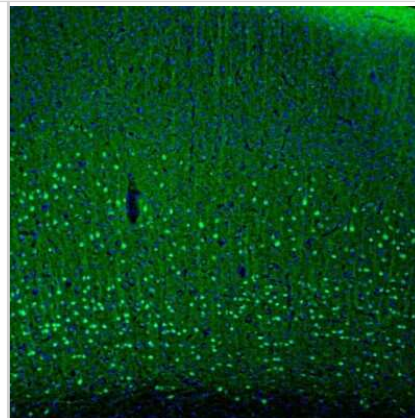
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

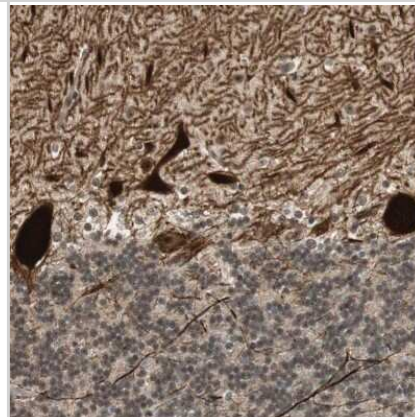
Immunohistochemistry-Paraffin: PCP4 Antibody [NBP1-80929] - Staining in human cerebral cortex and liver tissues . Corresponding PCP4 RNA-seq data are presented for the same tissues.



Immunohistochemistry: PCP4 Antibody [NBP1-80929] - Staining of mouse cerebral cortex shows strong positivity in the deep layers neurons.



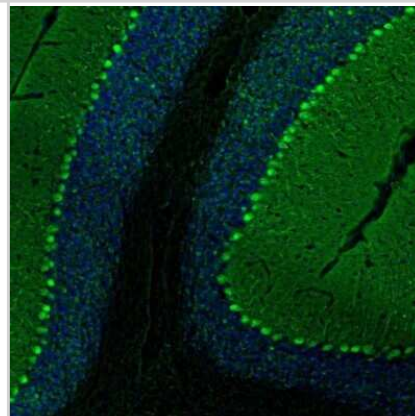
Immunohistochemistry-Paraffin: PCP4 Antibody [NBP1-80929] - Immunohistochemical staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



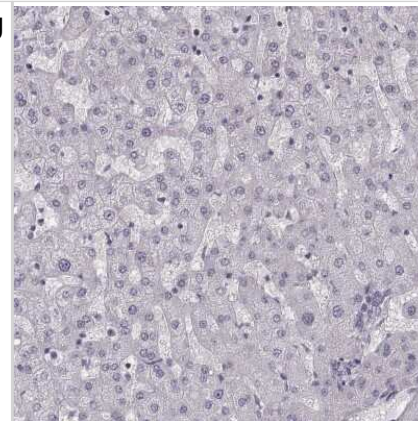
Immunohistochemistry-Paraffin: PCP4 Antibody [NBP1-80929] - Staining of human cerebral cortex shows moderate cytoplasmic positivity.



Immunohistochemistry: PCP4 Antibody [NBP1-80929] - Staining of mouse cerebellum shows strong cytoplasmic positivity in Purkinje cells.



Immunohistochemistry-Paraffin: PCP4 Antibody [NBP1-80929] - Staining of human liver shows no cytoplasmic positivity in hepatocytes as expected.



Publications

Martikainen M, Lugano R, Pietilä I et al. VLDLR mediates alphavirus neuroinvasion through the blood-cerebrospinal fluid barrier Research Square 2023-10-30

Souali-Crespo S, Condrea D, Vernet N et al. Loss of NR5A1 in Sertoli cells after sex determination changes their cellular identity and induces their death by anoikis bioRxiv 2023-01-07

Ben-Simon Y, Kaefer K, Velicky P et al. A direct excitatory projection from entorhinal layer 6b neurons to the hippocampus contributes to spatial coding and memory Nature communications 2022-08-16 [PMID: 35974109] (IF/IHC, Mouse)

Details:

Supplementary Figure 5: Dilutions: 1:500

Manuel Valero, Elena Cid, Robert G Averkin et al. Determinants of different deep and superficial CA1 pyramidal cell dynamics during sharp-wave ripples. Nature Neuroscience 2015-07-27 [PMID: 26214372] (IF/IHC, Rat)

Zhou J, Shaikh LH, Neogi SG et al. DACH1, a Zona Glomerulosa Selective Gene in the Human Adrenal, Activates Transforming Growth Factor--beta Signaling and Suppresses Aldosterone Secretion. Hypertension 2015-05-01 [PMID: 25776071] (IF/IHC, Human)

Botcher NA, Falck JE, Thomson AM, Mercer A. Distribution of interneurons in the CA2 region of the rat hippocampus. Front Neuroanat 2014-01-01 [PMID: 25309345] (IF/IHC, Rat)

Hitti FL, Siegelbaum SA. The hippocampal CA2 region is essential for social memory. Nature 2014-04-03 [PMID: 24572357]

Kohara K, Pignatelli M, Rivest AJ et al. Cell type-specific genetic and optogenetic tools reveal hippocampal CA2 circuits. Nat Neurosci 2014-02-01 [PMID: 24336151]



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Products Related to NBP1-80929

NBP1-80929PEP	PCP4 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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