

Product Datasheet

PCP4 Antibody (CL5306) - BSA Free NBP2-61410

Unit Size: 100 ul

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

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NBP2-61410

PCP4 Antibody (CL5306) - BSA Free

Product Information	
Unit Size	100 ul
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	Monoclonal
Clone	CL5306
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

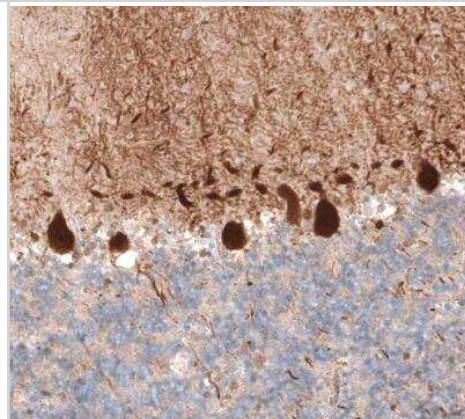
Product Description	
Description	Novus Biologicals Mouse PCP4 Antibody (CL5306) - BSA Free (NBP2-61410) is a monoclonal antibody validated for use in IHC. Anti-PCP4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5121
Gene Symbol	PCP4
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was developed using a recombinant protein derived from P48539, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

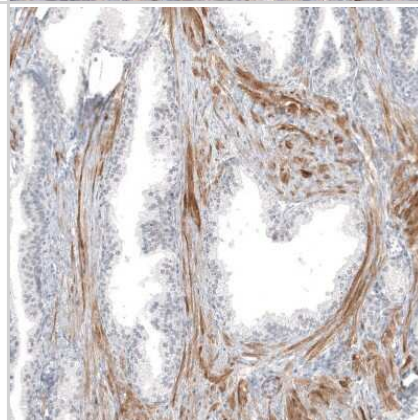


Images

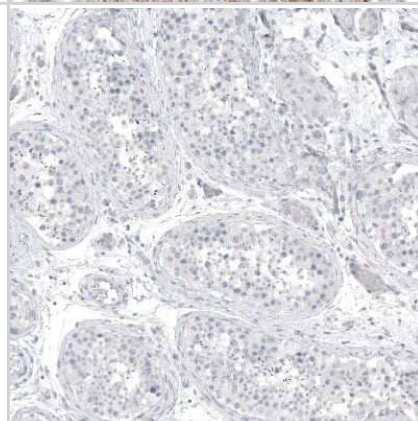
Immunohistochemistry-Paraffin: PCP4 Antibody (CL5306) [NBP2-61410]
- Staining of human cerebellum shows strong cytoplasmic positivity in purkinje cells.



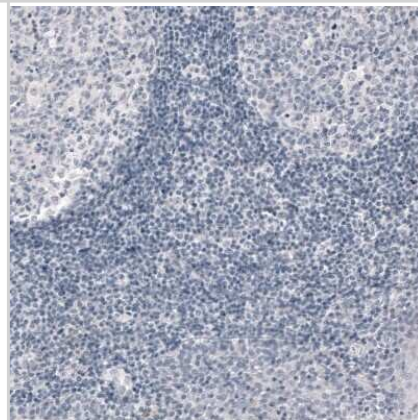
Immunohistochemistry-Paraffin: PCP4 Antibody (CL5306) [NBP2-61410]
- Staining of human prostate shows moderate cytoplasmic positivity in smooth muscle cells.



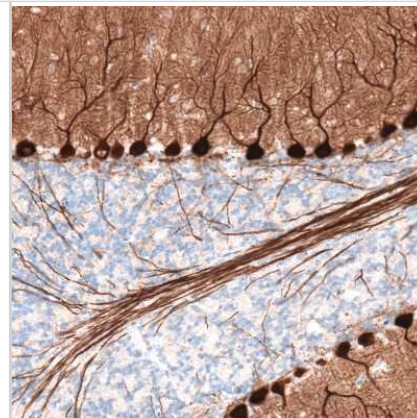
Immunohistochemistry-Paraffin: PCP4 Antibody (CL5306) [NBP2-61410]
- Staining of human testis shows no positivity in cells in seminiferous ducts as expected.



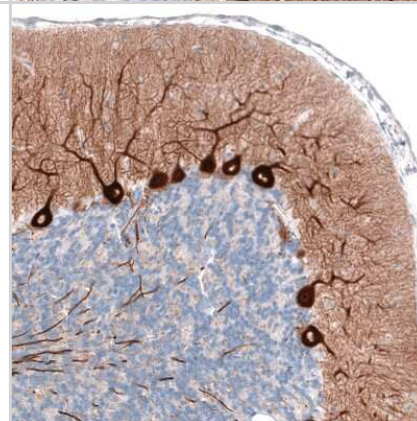
Immunohistochemistry-Paraffin: PCP4 Antibody (CL5306) [NBP2-61410]
- Staining of human tonsil shows no positivity in non-germinal center cells as expected.



Immunohistochemistry-Paraffin: PCP4 Antibody (CL5306) [NBP2-61410]
- Staining of mouse brain shows strong cytoplasmic positivity in Purkinje cells.



Immunohistochemistry-Paraffin: PCP4 Antibody (CL5306) [NBP2-61410]
- Staining of rat brain shows strong cytoplasmic positivity in Purkinje cells.



Publications

Sanchez-Aguilera A, Wheeler DW, Jurado-Parras T et al. An update to Hippocampome.org by integrating single-cell phenotypes with circuit function in vivo PLoS biology 2021-05-01 [PMID: 33956790] (IF/IHC, Rat)

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Products Related to NBP2-61410

NBP2-61410PEP	PCP4 Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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