

Product Datasheet

Pericentrin Antibody - BSA Free NBP1-87772

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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Updated 2/21/2025 v.20.1

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NBP1-87772

Pericentrin Antibody - BSA Free

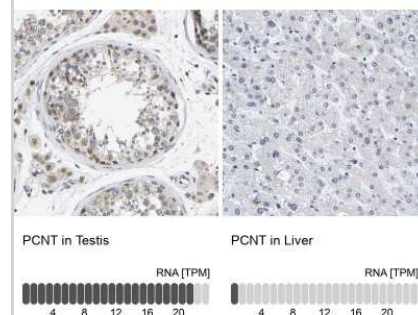
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	5116
Gene Symbol	PCNT
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported from a verified customer review.
Marker	Centrosome Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MEDLQNQFQKELAEQRAELEKIFQDKNQAERALRNLESHHQA AIEKLREDLQS EHGRLEDLEFKFKESEKEKQLELENLQASYEDLKAQSQEEIRRLWSQLDSAR TSRQELSELHEQLLARTSRVEDLEQLKQREKTQHESELE

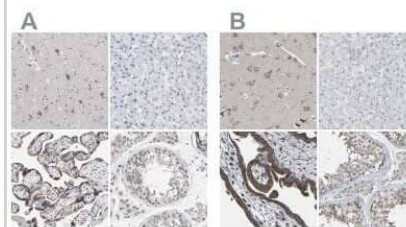
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25 - 2 ug/mL, Immunohistochemistry-Paraffin 1:200 - 1:500
Application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

Images

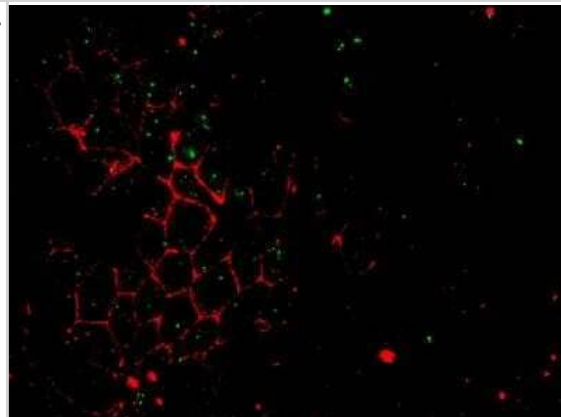
Immunohistochemistry-Paraffin: Pericentrin Antibody [NBP1-87772] - Analysis in human testis and liver tissues. Corresponding Pericentrin RNA-seq data are presented for the same tissues.



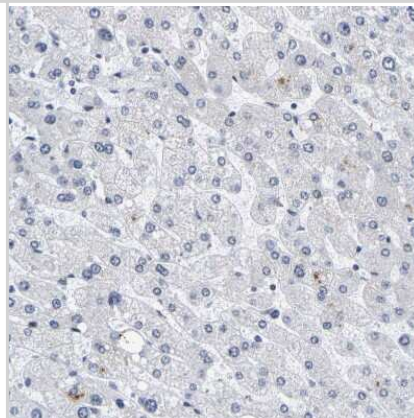
Immunohistochemistry-Paraffin: Pericentrin Antibody [NBP1-87772] - Staining of human cerebral cortex, liver, placenta and testis using Anti-Pericentrin antibody NBP1-87772 (A) shows similar protein distribution across tissues to independent antibody NBP1-87771 (B).



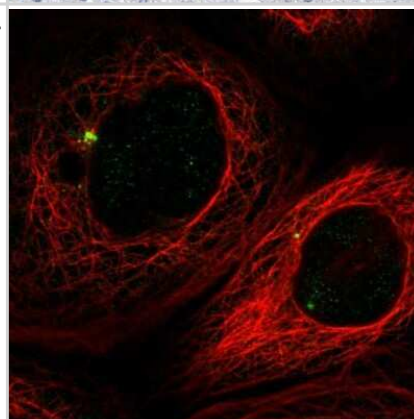
Immunocytochemistry/Immunofluorescence: Pericentrin Antibody [NBP1-87772] - Smear of -20C methanol-fixed mouse small intestinal epithelial cells stained for ZO-1 (red) and pericentrin (green). ICC/IF image submitted by a verified customer review.



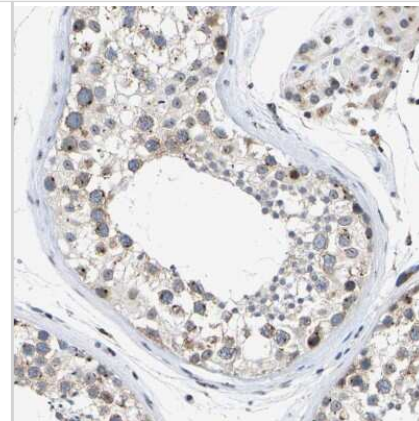
Immunohistochemistry-Paraffin: Pericentrin Antibody [NBP1-87772] - Staining of human liver shows no positivity in hepatocytes as expected.



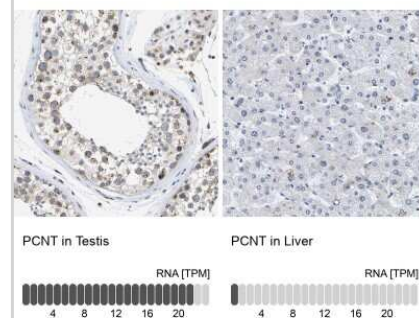
Immunocytochemistry/Immunofluorescence: Pericentrin Antibody [NBP1-87772] - Staining of human cell line A-431 shows localization to centrosome. Antibody staining is shown in green.



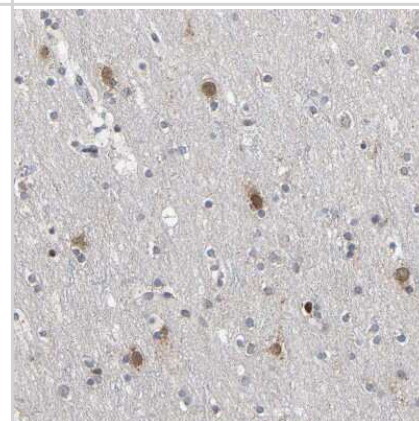
Immunohistochemistry-Paraffin: Pericentrin Antibody [NBP1-87772] - Staining of human testis shows high expression.



Immunohistochemistry-Paraffin: Pericentrin Antibody [NBP1-87772] - Staining in human testis and liver tissues using anti-PCNT antibody. Corresponding PCNT RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Pericentrin Antibody [NBP1-87772] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



Publications

Dutto I, Gerhards J, Herrera A et al. Pathway-specific effects of ADSL deficiency on neurodevelopment eLife 2022-02-08 [PMID: 35133277] (ICC/IF, Human)

Pasdeloup D, Labetoulle M, Rixon FJ et al. Differing Effects of Herpes Simplex Virus 1 and Pseudorabies Virus Infections on Centrosomal Function. J Virol 2013-06-01 [PMID: 23596303]

Uhlen M, Oksvold P, Algenas C et al. Antibody-based Protein Profiling of the Human Chromosome 21. Mol Cell Proteomics 2012-03-01 [PMID: 22042635]



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Products Related to NBP1-87772

NBP1-87772PEP	Pericentrin 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

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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