

Product Datasheet

PCM1 Antibody - BSA Free NBP1-87196

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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NBP1-87196

PCM1 Antibody - BSA Free

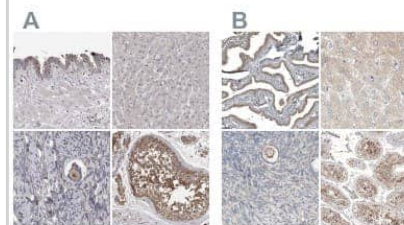
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	5108
Gene Symbol	PCM1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 23943788).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TIYSEVATLISQNESRPHFLIELFHQLLNTDYLQRALYALQDIVSRHISESHE KGENVKSVNSGTWIASNSELTPSESLATTDDETFEKNFE

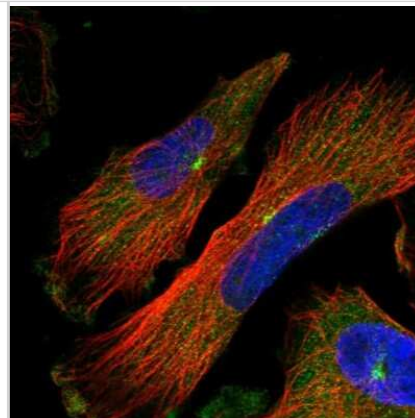
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reported in scientific literature (PMID: 23943788)., Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 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: PFA/Triton X-100.

Images

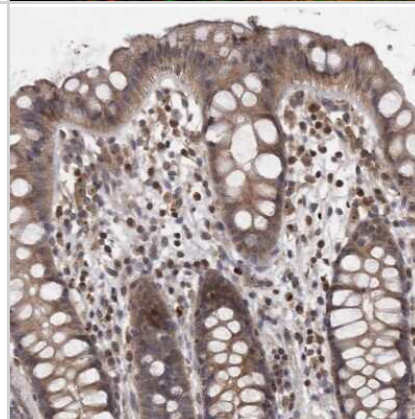
Immunohistochemistry-Paraffin: PCM1 Antibody [NBP1-87196] - Staining of human fallopian tube, liver, ovary and testis using Anti-PCM1 antibody NBP1-87196 (A) shows similar protein distribution across tissues to independent antibody NBP1-87195 (B).



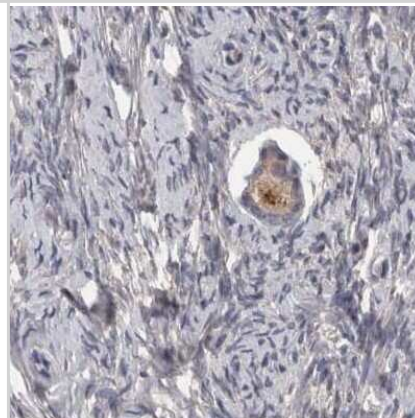
Immunocytochemistry/Immunofluorescence: PCM1 Antibody [NBP1-87196] - Staining of human cell line U-251 MG shows localization to nuclear membrane & centrosome. Antibody staining is shown in green.



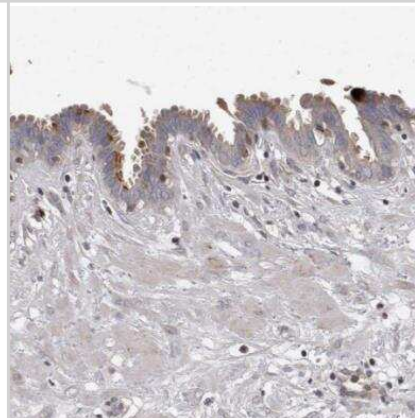
Immunohistochemistry-Paraffin: PCM1 Antibody [NBP1-87196] - Staining of human rectum shows moderate cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: PCM1 Antibody [NBP1-87196] - Staining of human ovary.



Immunohistochemistry-Paraffin: PCM1 Antibody [NBP1-87196] - Staining of human fallopian tube shows weak to moderate cytoplasmic positivity in glandular cells.



Publications

Ronald J. Vagnozzi, Marjorie Maillet, Michelle A. Sargent, Hadi Khalil, Anne Katrine Johansen, Jennifer A. Schwanekamp, Allen J. York, Vincent Huang, Matthias Nahrendorf, Sakthivel Sadayappan, Jeffery D. Molkentin An acute immune response underlies the benefit of cardiac stem cell therapy Nature 2019-11-11 [PMID: 31775156]

Hall EA, Kumar D, Prosser SL et al. Centriolar satellites expedite mother centriole remodeling to promote ciliogenesis eLife 2023-02-15 [PMID: 36790165] (In vivo assay)

Zhang Y, Seo S, Bhattarai S et al. BBS mutations modify phenotypic expression of CEP290-related ciliopathies. Hum Mol Genet 2014-01-01 [PMID: 23943788] (WB, ICC/IF, Mouse)

Humbert MC, Weihbrecht K, Searby CC et al. ARL13B, PDE6D, and CEP164 form a functional network for INPP5E ciliary targeting. Proc Natl Acad Sci U S A 2012-11-27 [PMID: 23150559]

Bergmann O, Zdunek S, Alkass K et al. Identification of cardiomyocyte nuclei and assessment of ploidy for the analysis of cell turnover. Exp Cell Res 2011-01-01 [PMID: 20828558]





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Products Related to NBP1-87196

NBP1-87196PEP	PCM1 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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