

Product Datasheet

SMC5 Antibody NBP2-47271-25ul

Unit Size: 25 ul

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

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Updated 6/11/2024 v.20.1

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NBP2-47271-25ul

SMC5 Antibody

Product Information

Unit Size	25 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	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

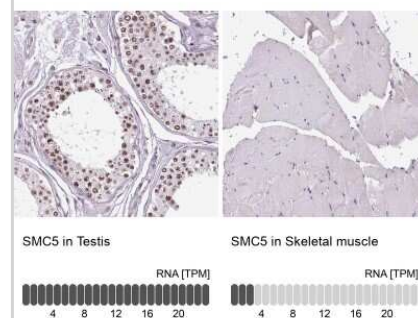
Host	Rabbit
Gene ID	23137
Gene Symbol	SMC5
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%), Rat (87%)
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: EVPSKRKNSAPQLPLLQSSGPFVEGSIVRISMENFLTYDICEVSPGPHLNMIVG ANGTGKSSIVCAICLGLAGKPAFMGRADKVGFFVKRGCSRGMVEIELFRASGN LVITR

Product Application Details

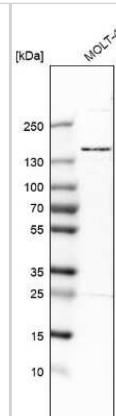
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

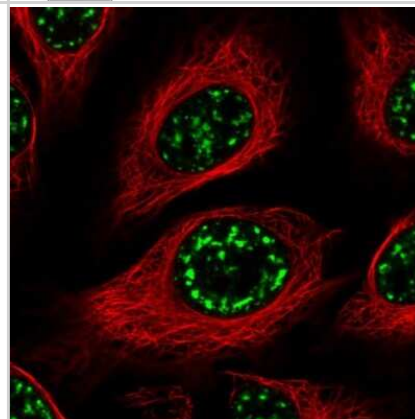
Immunohistochemistry-Paraffin: SMC5 Antibody [NBP2-47271] - Analysis in human testis and skeletal muscle tissues. Corresponding SMC5 RNA-seq data are presented for the same tissues.



Western Blot: SMC5 Antibody [NBP2-47271] - Analysis in human cell line MOLT-4.



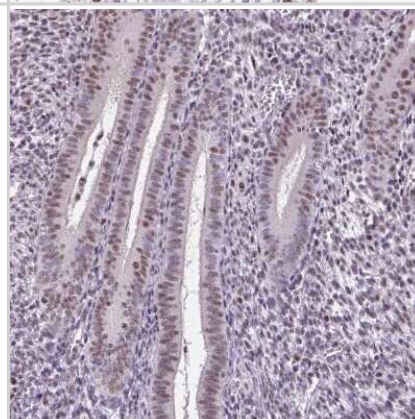
Immunocytochemistry/Immunofluorescence: SMC5 Antibody [NBP2-47271] - Staining of human cell line HeLa shows localization to nuclear speckles. Antibody staining is shown in green.



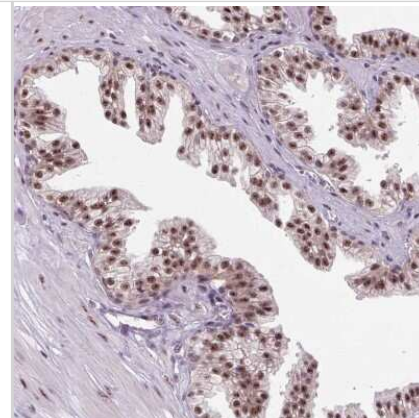
Immunohistochemistry-Paraffin: SMC5 Antibody [NBP2-47271] - Staining of human testis shows moderate nuclear speckles positivity in cells in seminiferous ducts.



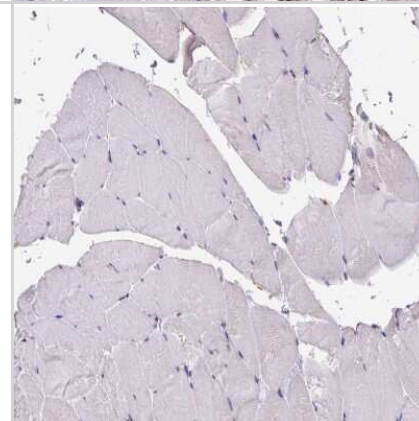
Immunohistochemistry-Paraffin: SMC5 Antibody [NBP2-47271] - Staining of human endometrium shows weak nuclear speckles positivity in glandular cells.



Immunohistochemistry-Paraffin: SMC5 Antibody [NBP2-47271] - Staining of human prostate shows moderate nuclear speckles positivity in glandular cells.



Immunohistochemistry-Paraffin: SMC5 Antibody [NBP2-47271] - Staining of human skeletal muscle shows low positivity in myocytes.





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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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