

Product Datasheet

SMCHD1 Antibody (CL4270) - BSA Free NBP2-59046

Unit Size: 100 ul

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

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NBP2-59046

SMCHD1 Antibody (CL4270) - 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	CL4270
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

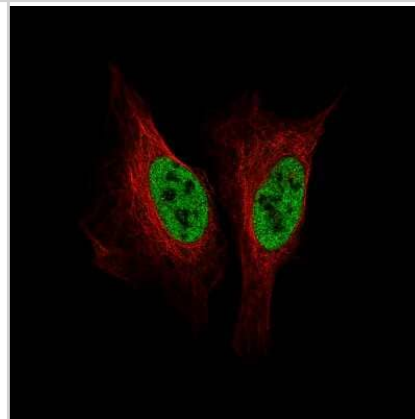
Product Description	
Description	Novus Biologicals Mouse SMCHD1 Antibody (CL4270) - BSA Free (NBP2-59046) is a monoclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	23347
Gene Symbol	SMCHD1
Species	Human
Reactivity 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 A6NHR9, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

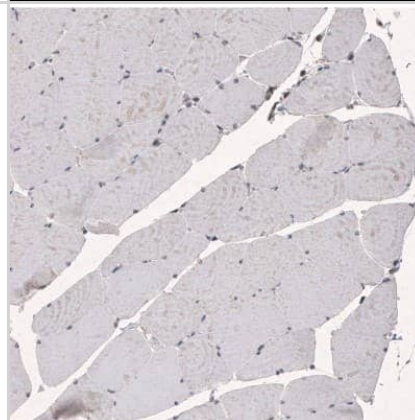


Images

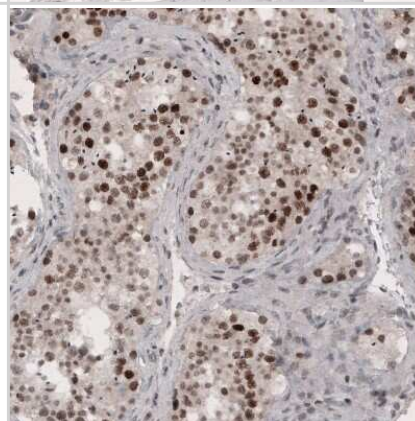
Immunocytochemistry/Immunofluorescence: SMCHD1 Antibody (CL4270) [NBP2-59046] - Staining of U-2 OS cells using the Anti-SMCHD1 monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



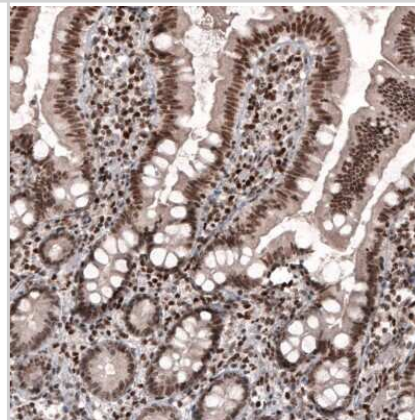
Immunohistochemistry-Paraffin: SMCHD1 Antibody (CL4270) [NBP2-59046] - Staining of human skeletal muscle shows no positivity as expected (negative control).



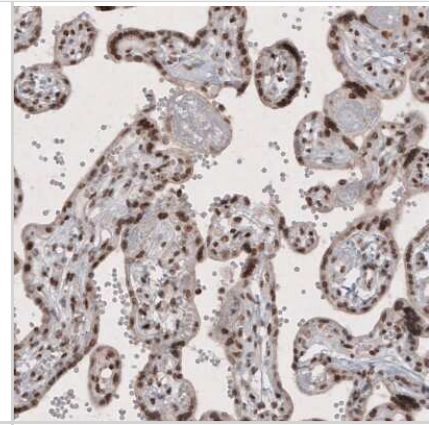
Immunohistochemistry-Paraffin: SMCHD1 Antibody (CL4270) [NBP2-59046] - Staining of human testis shows moderate to strong nuclear positivity in seminiferous tubules cells.



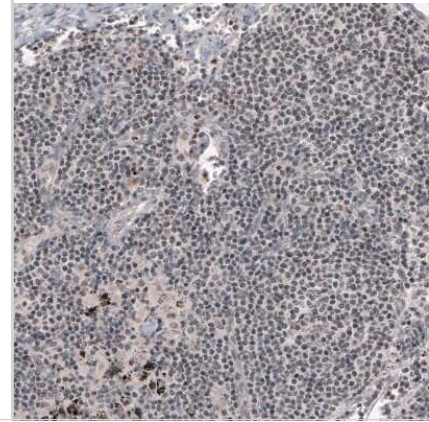
Immunohistochemistry: SMCHD1 Antibody (CL4270) [NBP2-59046] - Staining of human small intestine shows strong nuclear immunoreactivity in glandular cells and in connective tissue cells.



Immunohistochemistry: SMCHD1 Antibody (CL4270) [NBP2-59046] - Staining of human placenta shows strong nuclear immunoreactivity in trophoblast.



Immunohistochemistry: SMCHD1 Antibody (CL4270) [NBP2-59046] - Staining of human lymph node shows weak to moderate nuclear immunoreactivity in lymphoid cells.





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Products Related to NBP2-59046

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-82978PEP	SMCHD1 Recombinant Protein Antigen

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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