

Product Datasheet

SMARCC1 Antibody - BSA Free NBP1-88721

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 9/9/2025 v.20.1

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NBP1-88721

SMARCC1 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

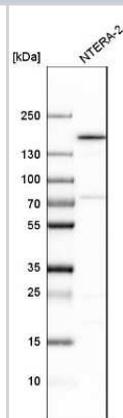
Product Description	
Description	Novus Biologicals Rabbit SMARCC1 Antibody - BSA Free (NBP1-88721) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6599
Gene Symbol	SMARCC1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AHVKKVQEAARASGKVDPTYGLESSCIAGTGPDEPEKLEGAEEEKMEADPDG QQPEKAENKVENETDEGDKAQDGENEKNSEKEQDSEVSEDTKSEEKETEENK ELTDTCKERESDTGKKKVEHEISEGNVATAAAAALASAATKAKHL

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
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, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval method is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

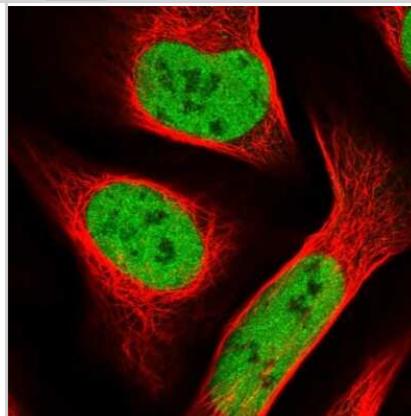


Images

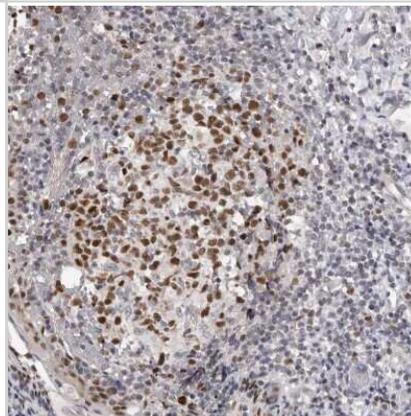
Western Blot: SMARCC1 Antibody [NBP1-88721] - Analysis in human cell line NTERA-2.



Immunocytochemistry/Immunofluorescence: SMARCC1 Antibody [NBP1-88721] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm.



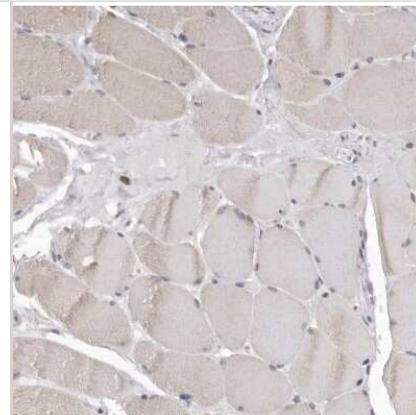
Immunohistochemistry: SMARCC1 Antibody [NBP1-88721] - Staining of human tonsil shows strong nuclear positivity in germinal center cells.



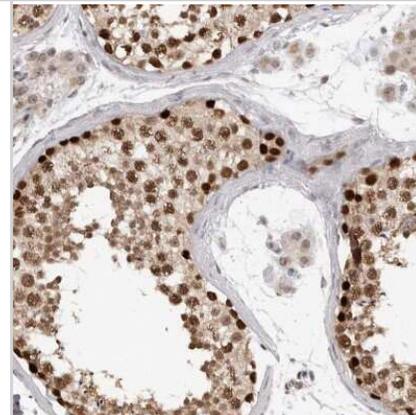
Immunohistochemistry: SMARCC1 Antibody [NBP1-88721] - Staining of human placenta shows distinct nuclear positivity in trophoblastic cells.



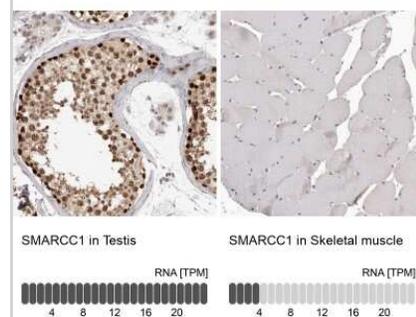
Immunohistochemistry-Paraffin: SMARCC1 Antibody [NBP1-88721] - Staining of human skeletal muscle shows low expression as expected.



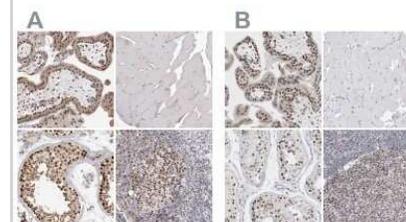
Immunohistochemistry-Paraffin: SMARCC1 Antibody [NBP1-88721] - Staining of human testis shows high expression.



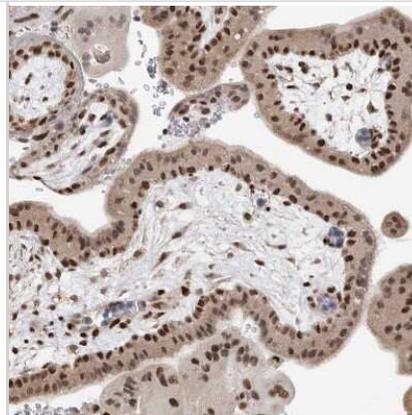
Immunohistochemistry-Paraffin: SMARCC1 Antibody [NBP1-88721] - Analysis in human testis and skeletal muscle tissues. Corresponding SMARCC1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: SMARCC1 Antibody [NBP1-88721] - Staining of human placenta, skeletal muscle, testis and tonsil using Anti-SMARCC1 antibody NBP1-88721 (A) shows similar protein distribution across tissues to independent antibody NBP1-88720 (B).



Immunohistochemistry-Paraffin: SMARCC1 Antibody [NBP1-88721] - Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: SMARCC1 Antibody [NBP1-88721] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



ChIP-Exo-Seq composite graph for Anti-SMARCC1 (NBP1-88721) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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Products Related to NBP1-88721

NBP1-88721PEP	SMARCC1 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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