

Product Datasheet

SMEK2 Antibody - BSA Free

NBP1-83882

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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NBP1-83882

SMEK2 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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

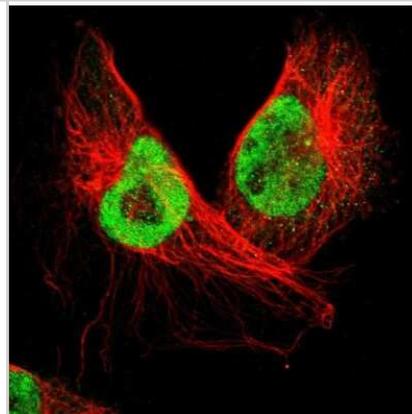
Product Description	
Description	Novus Biologicals Rabbit SMEK2 Antibody - BSA Free (NBP1-83882) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SMEK2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	57223
Gene Symbol	SMEK2
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GQTFKGLKTKYEQEKDRQNQKLNSVPSILRSNRFRRDAKALEEDEEMWFNED EEEEGKAVMPPLE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
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.

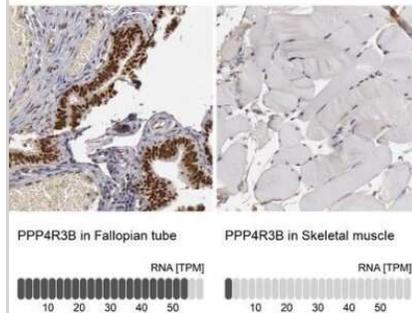


Images

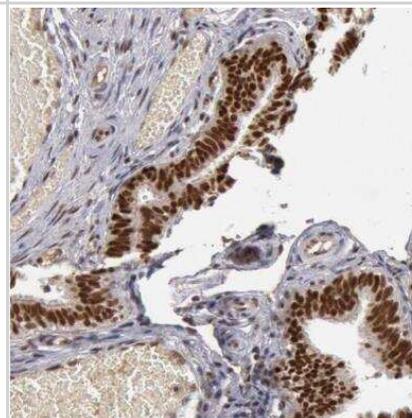
Immunocytochemistry/Immunofluorescence: SMEK2 Antibody [NBP1-83882] - Staining of human cell line U-251 MG shows localization to nucleoplasm & centrosome. Antibody staining is shown in green.



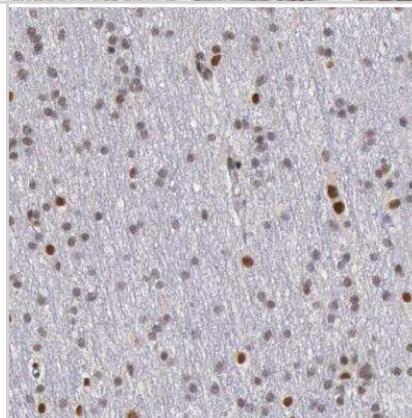
Immunohistochemistry-Paraffin: SMEK2 Antibody [NBP1-83882] - Analysis in human fallopian tube and skeletal muscle tissues using NBP1-83882 antibody. Corresponding PPP4R38 RNA-seq data are presented for the same tissues.



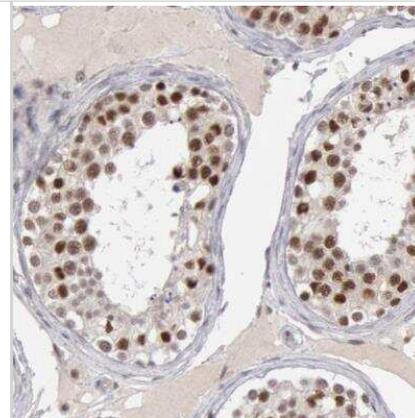
Immunohistochemistry-Paraffin: SMEK2 Antibody [NBP1-83882] - Staining of human fallopian tube shows moderate to strong nuclear positivity in glandular cells.



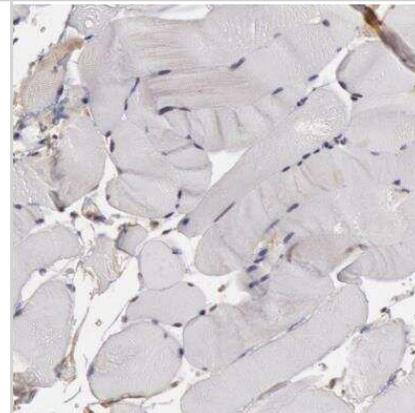
Immunohistochemistry-Paraffin: SMEK2 Antibody [NBP1-83882] - Staining of human cerebral cortex shows weak to moderate nuclear positivity in neurons.



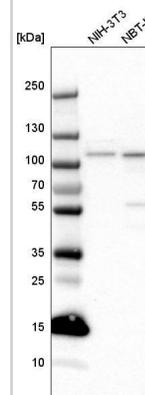
Immunohistochemistry-Paraffin: SMEK2 Antibody [NBP1-83882] - Staining of human testis shows moderate to strong nuclear positivity in glandular cells.



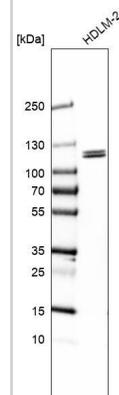
Immunohistochemistry-Paraffin: SMEK2 Antibody [NBP1-83882] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in human cell line HDLM-2.



Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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Products Related to NBP1-83882

NBP1-83882PEP	SMEK2 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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