

Product Datasheet

STIM1 Antibody - BSA Free

NBP1-84322

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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NBP1-84322

STIM1 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 STIM1 Antibody - BSA Free (NBP1-84322) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-STIM1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6786
Gene Symbol	STIM1
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24621671).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VHPGSLVEKLPDSPALAKKALLALNHGLDKAHSLMELSPSAPPGGSPHLDSSR SHSPSSPDPTPSPVGDSRALQASRNTRIPHLAGKKAVAEEDNGSIGEETDSS PGRKKFPLKIFK

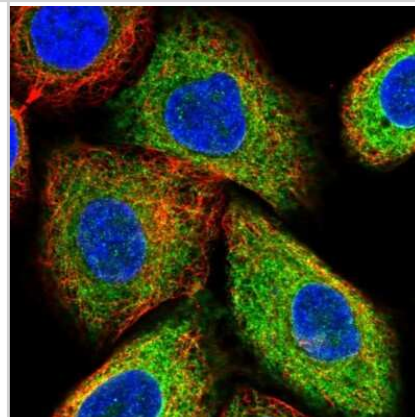
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	IHC reported in scientific literature (PMID: 24621671). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

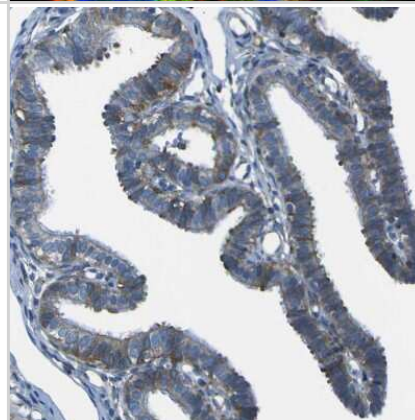


Images

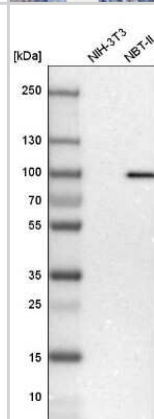
Immunocytochemistry/Immunofluorescence: STIM1 Antibody [NBP1-84322] - Staining of human cell line A549 shows localization to endoplasmic reticulum. Antibody staining is shown in green.



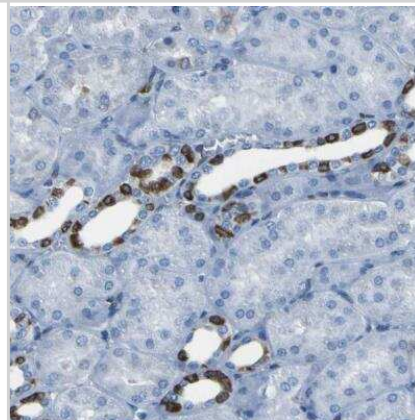
Immunohistochemistry-Paraffin: STIM1 Antibody [NBP1-84322] - Staining of human fallopian tube shows strong cytoplasmic positivity in glandular cells.



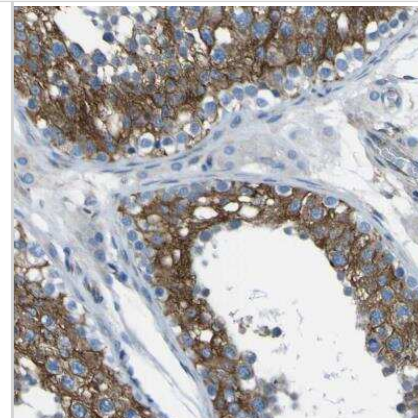
Western Blot: STIM1 Antibody [NBP1-84322] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



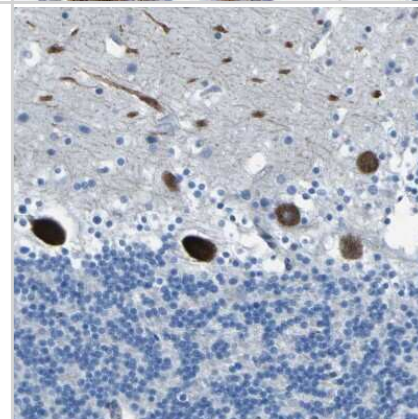
Immunohistochemistry-Paraffin: STIM1 Antibody [NBP1-84322] - Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



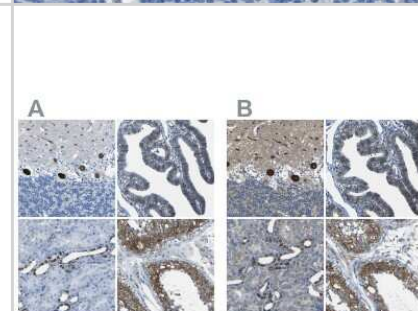
Immunohistochemistry-Paraffin: STIM1 Antibody [NBP1-84322] - Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts..



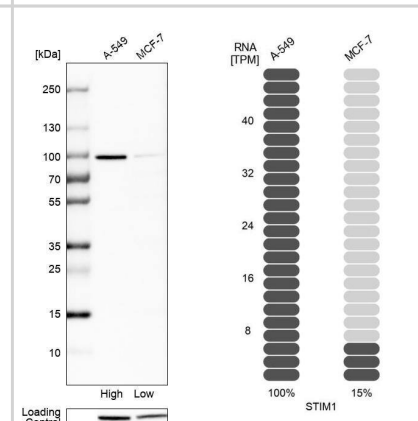
Immunohistochemistry-Paraffin: STIM1 Antibody [NBP1-84322] - Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



Immunohistochemistry-Paraffin: STIM1 Antibody [NBP1-84322] - Staining of human cerebellum, fallopian tube, kidney and testis using Anti-STIM1 antibody NBP1-84322 (A) shows similar protein distribution across tissues to independent antibody NBP1-84323 (B).



Analysis in human cell lines A-549 and MCF-7 using Anti-STIM1 antibody. Corresponding STIM1 RNA-seq data are presented for the same cell lines. Loading control: Anti-HSP90B1.



Publications

Wang S, Choi M, Richardson AS et al. STIM1 and SLC24A4 Are Critical for Enamel Maturation. J Dent Res 2014-07-01 [PMID: 24621671] (IF/IHC, Mouse)



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Products Related to NBP1-84322

NBP1-84322PEP	STIM1 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

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