

# Product Datasheet

## 14-3-3 sigma/Stratifin Antibody - BSA Free NBP1-80610

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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### Publications: 2

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**NBP1-80610**

14-3-3 sigma/Stratifin Antibody - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

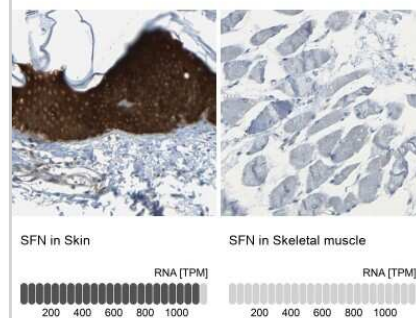
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit 14-3-3 sigma/Stratifin Antibody - BSA Free (NBP1-80610) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-14-3-3 sigma/Stratifin Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2810
<b>Gene Symbol</b>	SFN
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LSVAYKNVVGQRAAWRVLSSIEQKSNEEGSSEKGPPEVREYREKVVETELQGV CDTVLGLLDSHLIKEAGDAESRVFYLMKMGDYYRYLAEVATGDDKKRIIDSARS AYQEAMDISKKEMP

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: PFA/Triton X-100

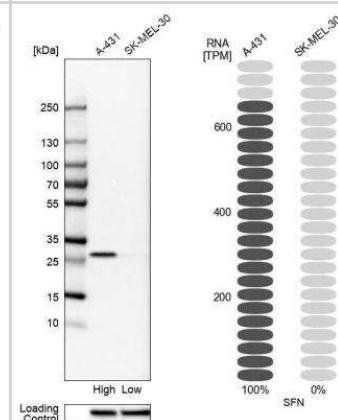


## Images

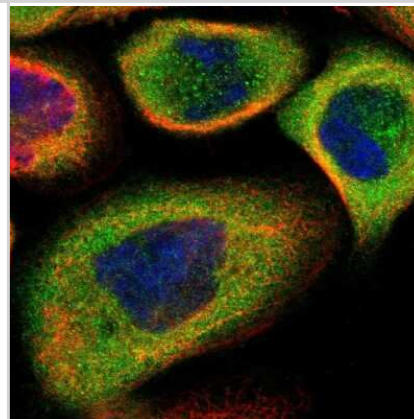
Immunohistochemistry-Paraffin: 14-3-3 sigma/Stratifin Antibody [NBP1-80610] - Staining in human skin and skeletal muscle tissues using anti-SFN antibody. Corresponding SFN RNA-seq data are presented for the same tissues.



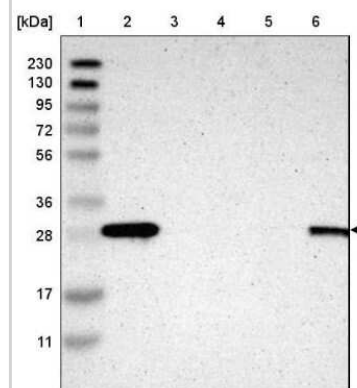
Western Blot: 14-3-3 sigma/Stratifin Antibody [NBP1-80610] - Analysis in human cell lines A-431 and SK-MEL-30. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-HSP90B1.



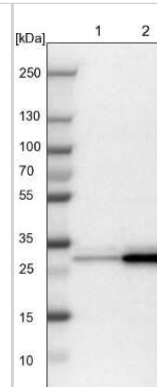
Immunocytochemistry/Immunofluorescence: 14-3-3 sigma/Stratifin Antibody [NBP1-80610] - Staining of human cell line A-431 shows localization to cytosol. Antibody staining is shown in green.



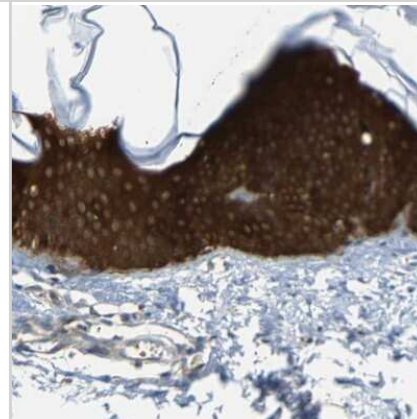
Western Blot: 14-3-3 sigma/Stratifin Antibody [NBP1-80610] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4: Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6: Human tonsil tissue



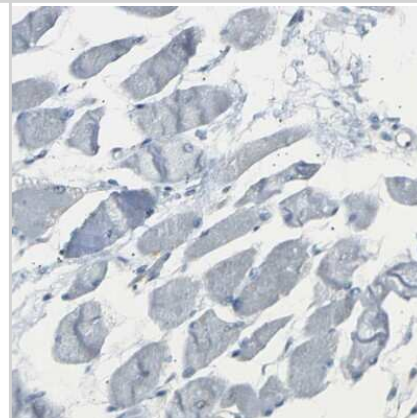
Western Blot: 14-3-3 sigma/Stratifin Antibody [NBP1-80610] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



Immunohistochemistry-Paraffin: 14-3-3 sigma/Stratifin Antibody [NBP1-80610] - Staining of human skin shows strong cytoplasmic positivity in epidermal cells.



Immunohistochemistry-Paraffin: 14-3-3 sigma/Stratifin Antibody [NBP1-80610] - Staining of human skeletal muscle shows low expression as expected.



## Publications

Huimei C, Gabriel C, Nithya D et al. The E3 ubiquitin ligase WWP2 regulates pro-fibrogenic monocyte infiltration and activity in heart fibrosis Nature communications 2022-11-30 [PMID: 36450710] (IHC-P, Mouse)

Tran V, Nahle S, Robert A Et al. Biasing the conformation of ELMO2 reveals that myoblast fusion can be exploited to improve muscle regeneration Nat Commun 2022-11-18 [PMID: 36400788] (IHC-Fr, Mouse)

Details:

Citation using the DyLight 650 version of this antibody.



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### **Products Related to NBP1-80610**

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NBP1-80610PEP	14-3-3 sigma/Stratifin 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

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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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