

# Product Datasheet

## SRGAP3 Antibody - BSA Free

### NBP1-88831

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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**NBP1-88831**

SRGAP3 Antibody - BSA Free

**Product Information**

<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>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

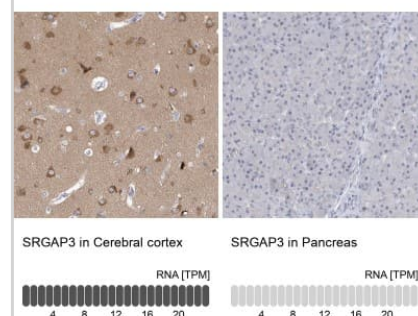
<b>Description</b>	Novus Biologicals Rabbit SRGAP3 Antibody - BSA Free (NBP1-88831) is a polyclonal antibody validated for use in IHC and WB. Anti-SRGAP3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	9901
<b>Gene Symbol</b>	SRGAP3
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	Use in Rat reported in scientific literature (PMID:32237255).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LKNPPGPVSSEPASPLHTIVIRDPDAAMRRSSSSSTEMMTTFKPALSARLAGAQ LRPPPMRPVRPVVQHRS

**Product Application Details**

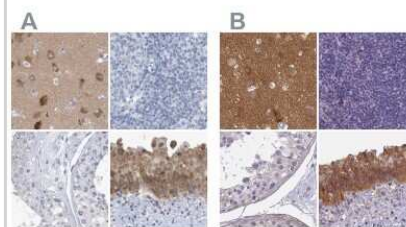
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

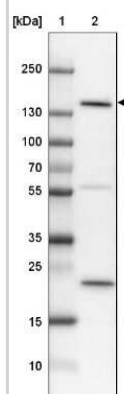
Immunohistochemistry-Paraffin: SRGAP3 Antibody [NBP1-88831] - Staining in human cerebral cortex and pancreas tissues using anti-SRGAP3 antibody. Corresponding SRGAP3 RNA-seq data are presented for the same tissues.



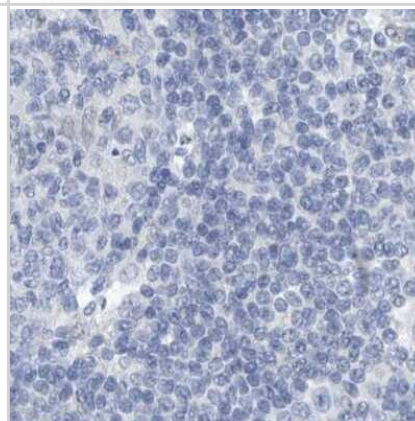
Immunohistochemistry-Paraffin: SRGAP3 Antibody [NBP1-88831] - Staining of human cerebral cortex, lymph node, testis and urinary bladder using Anti-SRGAP3 antibody NBP1-88831 (A) shows similar protein distribution across tissues to independent antibody NBP2-38521 (B).



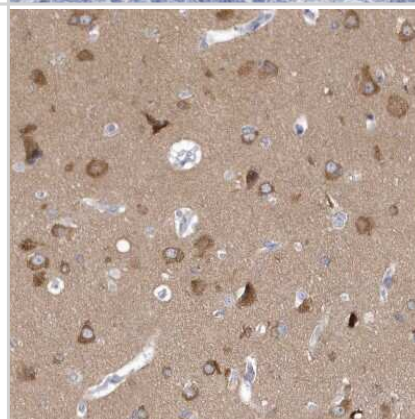
Western Blot: SRGAP3 Antibody [NBP1-88831] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Cerebral Cortex



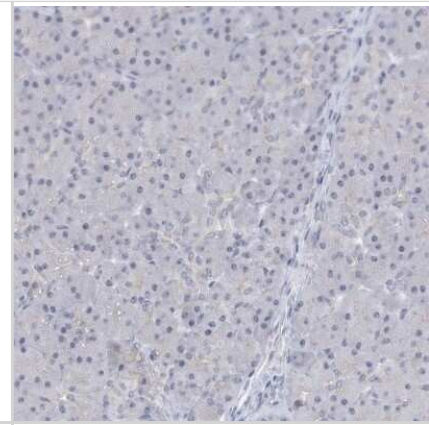
Immunohistochemistry-Paraffin: SRGAP3 Antibody [NBP1-88831] - Staining of human lymph node.



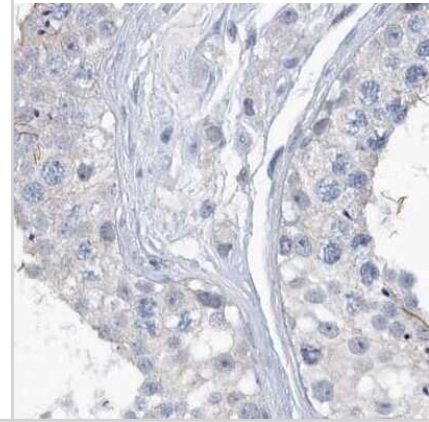
Immunohistochemistry-Paraffin: SRGAP3 Antibody [NBP1-88831] - Staining of human cerebral cortex shows high expression.



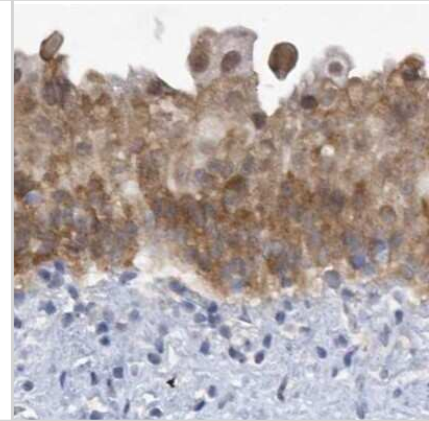
Immunohistochemistry-Paraffin: SRGAP3 Antibody [NBP1-88831] - Staining of human pancreas shows low expression as expected.



Immunohistochemistry-Paraffin: SRGAP3 Antibody [NBP1-88831] - Staining of human testis.



Immunohistochemistry-Paraffin: SRGAP3 Antibody [NBP1-88831] - Staining of human urinary bladder.



## Publications

Chen Z, Zhang S, Nie B et al. Distinct roles of srGAP3-Rac1 in the initiation and maintenance phases of neuropathic pain induced by paclitaxel J. Physiol. (Lond.) 2020-04-01 [PMID: 32237255] (WB, Rat)



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### **Products Related to NBP1-88831**

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NBP1-88831PEP	SRGAP3 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

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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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