

# Product Datasheet

## SRGAP2 Antibody NBP1-49877

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NBP1-49877**

## SRGAP2 Antibody

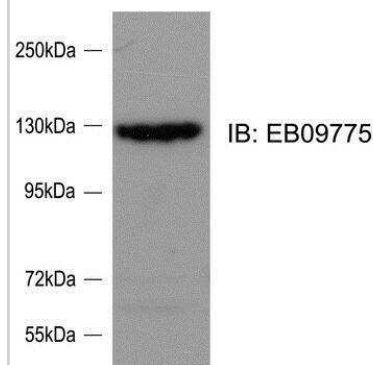
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat SRGAP2 Antibody (NBP1-49877) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-SRGAP2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	23380
Gene Symbol	SRGAP2
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize isoform a (NP_056141.2).
Immunogen	Peptide with sequence C-KQEDRQTPRSPDST corresponding to internal region according to NP_056141.2.

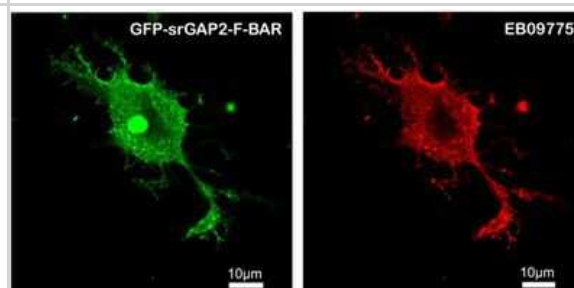
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Immunocytochemistry/ Immunofluorescence 1:10 - 1:2000, Peptide ELISA Detection limit 1:8000
Application Notes	IF: Transfected HEK293 transiently expressing GFP-tagged human srGAP2 with the primary antibody stained in the red channel (Confocal IF). WB: Approx. 124 kDa band observed in HeLa lysate and in rat primary culture cortical neurons at Day 4 (calculated MW of 121 kDa band according to human NP_056141.2, but the rat protein sequence is still provisional).

## Images

Western Blot: SRGAP2 Antibody [NBP1-49877] - (0.1ug/ml) staining of Rat Cortical Neuron lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence. Data kindly provided by Ms. Ya-Jing Mi and Dr.We-Lin Jin, Institute of Neurosciences, Shanghai Jiao Tong Univer



Immunocytochemistry/Immunofluorescence: SRGAP2 Antibody [NBP1-49877] - HEK293 overexpressing Human srGAP2 and probed with EB09775 at 2.5ug/ml in the right panel. Data kindly provided by Ms. Ya-Jing Mi and Dr.We-Lin Jin, Institute of Neurosciences, Shanghai Jiao Tong University.



## Publications

Jin J, Smith FD, Stark C et al. Proteomic, functional, and domain-based analysis of in vivo 14-3-3 binding proteins involved in cytoskeletal regulation and cellular organization. *Curr Biol* 2004-08-14 [PMID: 15324660]



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### **Products Related to NBP1-49877**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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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