

# Product Datasheet

## SynGAP Antibody NB120-3344

Unit Size: 0.1 mg

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

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**NB120-3344**

## SynGAP Antibody

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS with 1 mg/ml BSA

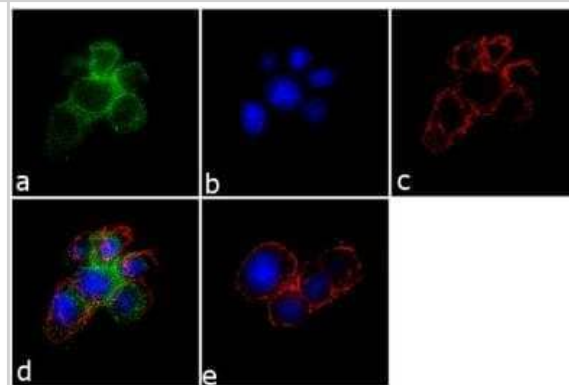
Product Description	
Description	Novus Biologicals Rabbit SynGAP Antibody (NB120-3344) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8831
Gene Symbol	SYNGAP1
Species	Human, Mouse, Rat
Reactivity Notes	Cross-reacts with Rat and Mouse. Not yet tested in other species.
Specificity/Sensitivity	This detects synaptic Ras-GTPase activating protein (SynGAP) from mouse and rat tissues.
Immunogen	GST fusion protein of a recombinant fragment, residues 947-1167, of rat SynGAP.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1 ug/mL, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Immunocytochemistry: use at a concentration of 1 ug/ml. Western Blot: use at a concentration of 1 ug/ml. Not tested in other applications. Optimal dilutions / concentrations should be determined by the end user. By Western blot, this antibody detects an ~135 kDa protein representing SynGAP from mouse brain tissue homogenate. Immunocytochemical staining of SynGAP in rat hippocampal neurons yields a pattern consistent with vesicular staining.

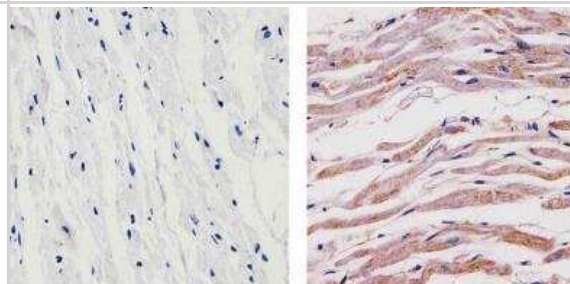


## Images

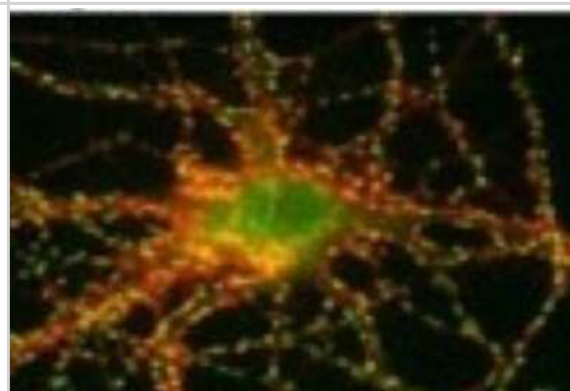
Immunocytochemistry/Immunofluorescence: SynGAP Antibody [NB120-3344] - Immunofluorescence analysis of SynGAP was performed using 70% confluent log phase PC-12 cells.



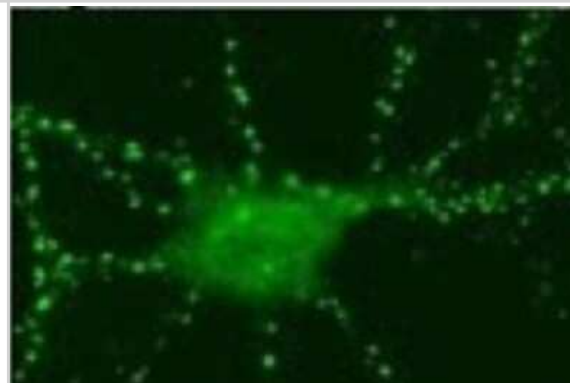
Immunohistochemistry-Paraffin: SynGAP Antibody [NB120-3344] - Immunohistochemistry analysis of SYNGAP showing staining in the cytoplasm of paraffin-embedded human heart tissue (right) compared to a negative control without primary antibody (left).



Immunocytochemistry/Immunofluorescence: SynGAP Antibody [NB120-3344] - Rat hippocampal neurons



Immunocytochemistry/Immunofluorescence: SynGAP Antibody [NB120-3344]





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### **Products Related to NB120-3344**

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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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