

# Product Datasheet

## ARHGAP1 Antibody - BSA Free NBP1-85724

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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**NBP1-85724**

ARHGAP1 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>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

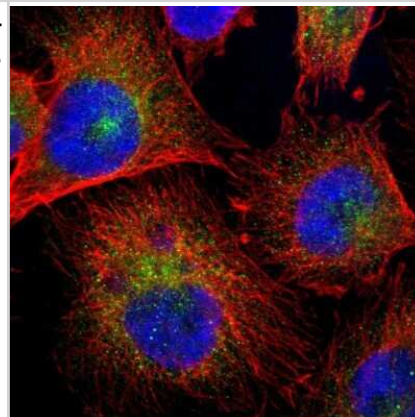
Product Description	
<b>Description</b>	Novus Biologicals Rabbit ARHGAP1 Antibody - BSA Free (NBP1-85724) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ARHGAP1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	392
<b>Gene Symbol</b>	ARHGAP1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: SEALNQLKLASIDEKNWPSDEMPDFPKSDDSKSSPELVTHLKWDDPYDIAR HQIVEVAGDDKYGRKIIVFSACRMPPSHQLDHSKLLGYLKHTLDQYVESDYTL YLHHGLTSDNKPSLS

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1.0 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

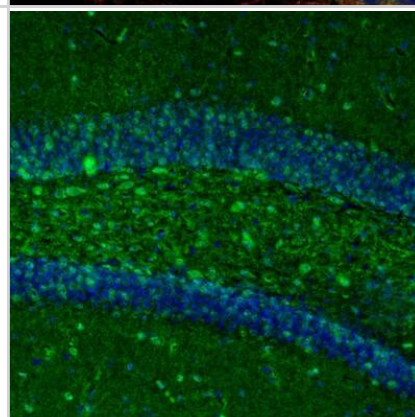


**Images**

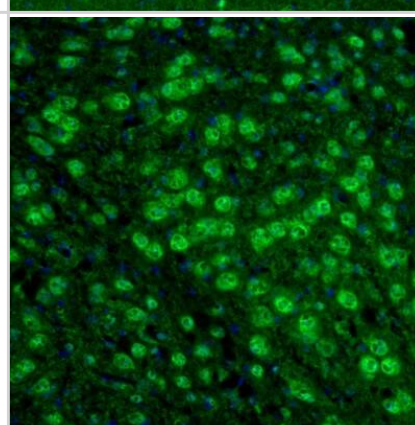
Immunocytochemistry/Immunofluorescence: ARHGAP1 Antibody [NBP1-85724] - Immunofluorescent staining of human cell line U-251 MG shows localization to vesicles. Antibody staining is shown in green.



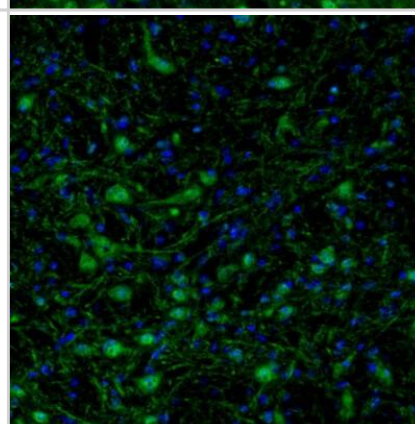
Immunohistochemistry: ARHGAP1 Antibody [NBP1-85724] - Staining of mouse dentate gyrus shows immunoreactivity in polymorph layer.



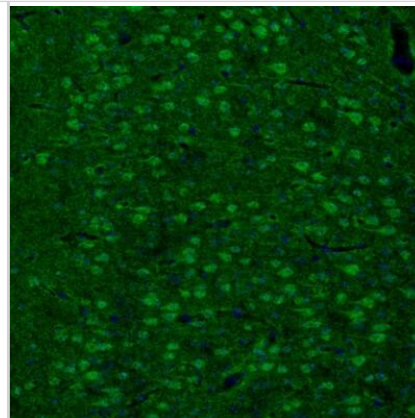
Immunohistochemistry: ARHGAP1 Antibody [NBP1-85724] - Staining of mouse thalamus shows positivity in neurons of the anterodorsal thalamic nucleus.



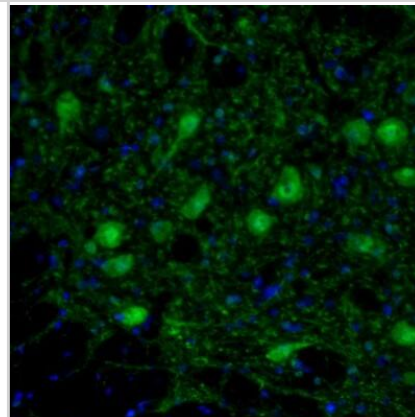
Immunohistochemistry: ARHGAP1 Antibody [NBP1-85724] - Staining of mouse motor trigeminal nucleus shows positivity in neuronal cells bodies and processes.



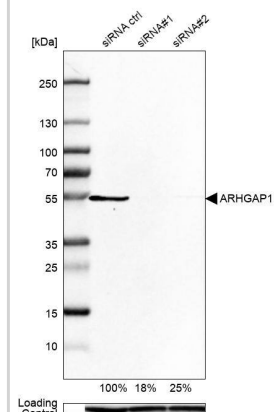
Immunohistochemistry: ARHGAP1 Antibody [NBP1-85724] - Staining of mouse cingulate cortex shows cytoplasmic immunoreactivity in neurons.



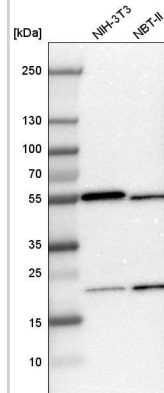
Immunohistochemistry: ARHGAP1 Antibody [NBP1-85724] - Staining of mouse brain shows neuronal staining in lateral paragigantocellular nucleus.



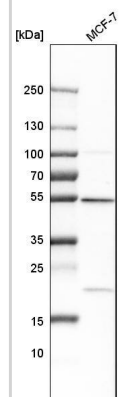
Analysis in U-138MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ARHGAP1 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in human cell line MCF-7.



## Publications

Harma V, Knuutila M, Virtanen J et al. Lysophosphatidic acid and sphingosine-1-phosphate promote morphogenesis and block invasion of prostate cancer cells in three-dimensional organotypic models. *Oncogene* 2012-04-01 [PMID: 21996742]





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### Products Related to NBP1-85724

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NBP1-85724PEP	ARHGAP1 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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