

Product Datasheet

ARHGAP4 Antibody - BSA Free NBP1-88528

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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Updated 12/2/2025 v.20.1

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NBP1-88528

ARHGAP4 Antibody - BSA Free

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

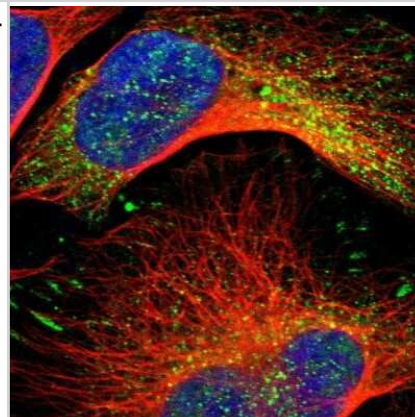
Product Description	
Description	Novus Biologicals Rabbit ARHGAP4 Antibody - BSA Free (NBP1-88528) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-ARHGAP4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	393
Gene Symbol	ARHGAP4
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (88%). Reactivity reported in scientific literature (PMID: 23435261)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: DRQTIETEEVNKTLKATLQALLEVVASDDGDVLDVLSFQTSPSTESLKSTSSDPGS RQAGRRRGQQQETETFYLTQLQEYLSGRSILAKLQAKHEKLQEALQRGDKEE QEVSWTQYT

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

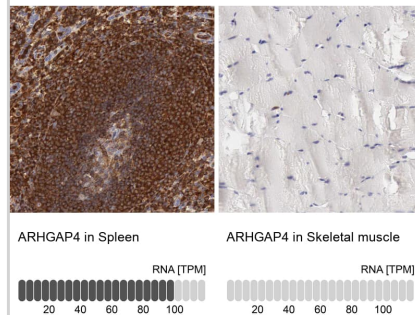


Images

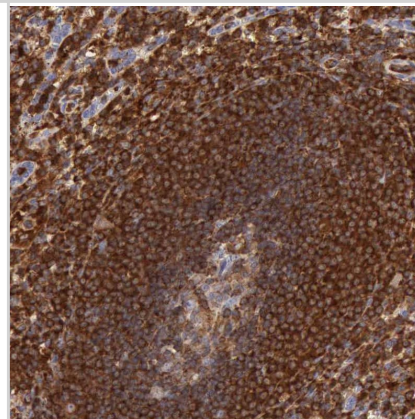
Immunocytochemistry/Immunofluorescence: ARHGAP4 Antibody [NBP1-88528] - Staining of human cell line U-2 OS shows positivity in cytoplasm, focal adhesion sites and nucleus but excluded from the nucleoli.



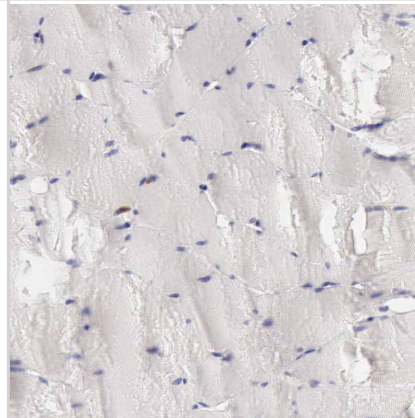
Analysis in human spleen and skeletal muscle tissues using HPA001083 antibody. Corresponding ARHGAP4 RNA-seq data are presented for the same tissues.



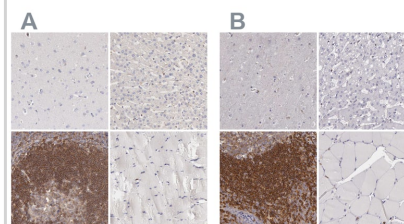
Staining of human spleen shows strong cytoplasmic positivity in cells in red and white pulp.



Staining of human skeletal muscle shows very weak cytoplasmic positivity in myocytes.



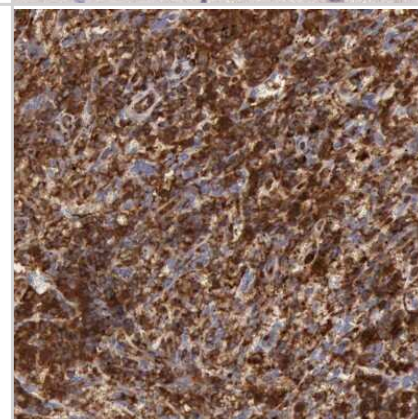
Staining of human cerebral cortex, liver, lymphoid tissues and skeletal muscle using Anti-ARHGAP4 antibody NBP1-88528 (A) shows similar protein distribution across tissues to independent antibody NBP1-88527 (B).



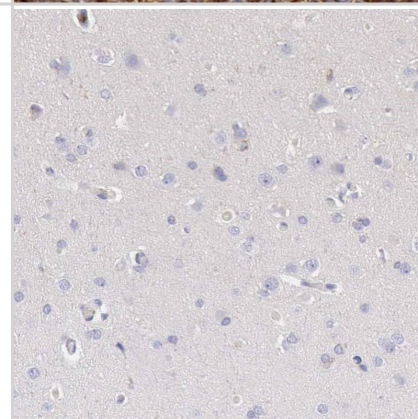
Immunohistochemistry-Paraffin: ARHGAP4 Antibody [NBP1-88528] - Staining of human cerebral cortex shows low expression as expected.



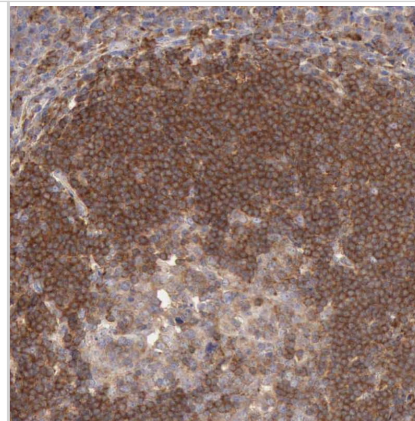
Immunohistochemistry-Paraffin: ARHGAP4 Antibody [NBP1-88528] - Staining of human spleen shows high expression.



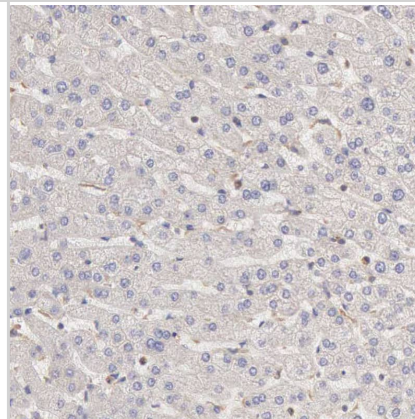
Staining of human cerebral cortex shows very weak cytoplasmic positivity in neuronal cells.



Staining of human tonsil shows strong cytoplasmic positivity in germinal and non germinal center cells.



Staining of human liver shows very weak cytoplasmic positivity in hepatocytes.



Publications

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. Nat Methods 2013-04-01 [PMID: 23435261]



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Products Related to NBP1-88528

NBP1-88528PEP	ARHGAP4 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

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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