

Product Datasheet

ARHGAP4 Antibody - BSA Free

NBP1-88527

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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NBP1-88527

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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

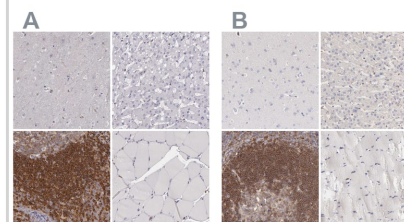
Description	Novus Biologicals Rabbit ARHGAP4 Antibody - BSA Free (NBP1-88527) is a polyclonal antibody validated for use in IHC and WB. Anti-ARHGAP4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	393
Gene Symbol	ARHGAP4
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EHNGMRGLIPHKYITLPAGTEKQVVGAGLQTAGESGSSPEGLLASELVHRPEP CTSPEAMGPSGHRRRCLVPASPEQHVVDKAVAQNMDSVFKELLGKTSVRQ GLGPASTTSP

Product Application Details

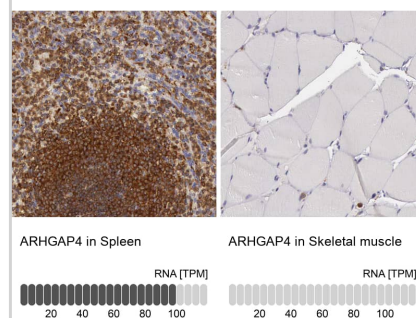
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

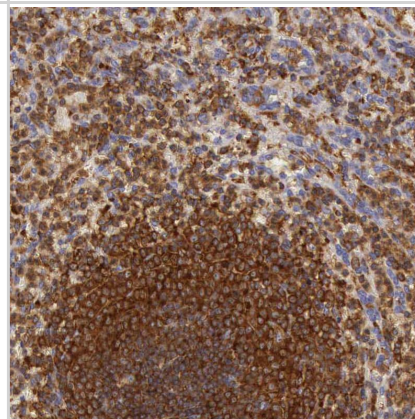
Staining of human cerebral cortex, liver, lymphoid tissues and skeletal muscle using Anti-ARHGAP4 antibody NBP1-88527 (A) shows similar protein distribution across tissues to independent antibody NBP1-88528 (B).



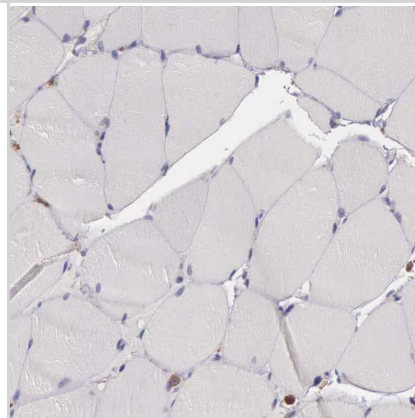
Analysis in human spleen and skeletal muscle tissues using HPA001012 antibody. Corresponding ARHGAP4 RNA-seq data are presented for the same tissues.



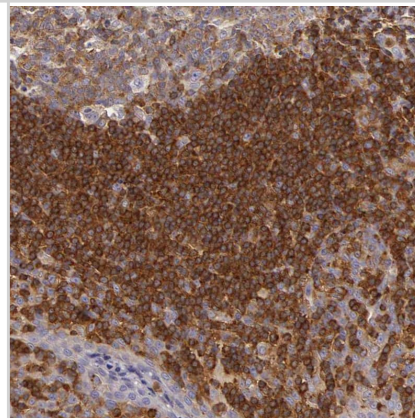
Staining of human spleen shows strong cytoplasmic positivity in cells in red pulp and white pulp.



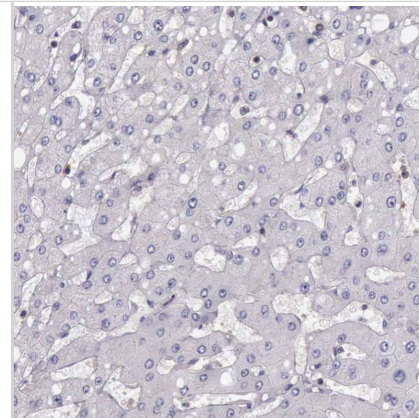
Staining of human skeletal muscle shows very weak cytoplasmic positivity in myocytes.



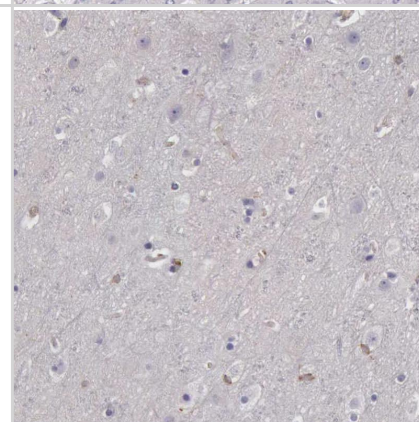
Staining of human tonsil shows strong cytoplasmic positivity in germinal and non germinal center cells.



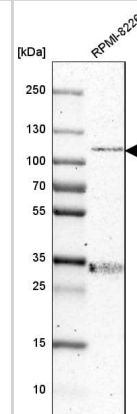
Staining of human liver shows very weak cytoplasmic positivity in hepatocytes.



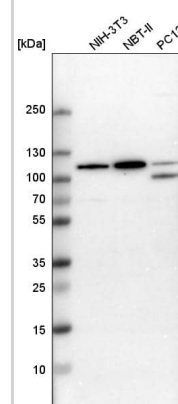
Staining of human cerebral cortex shows very weak cytoplasmic positivity in neuronal cells.



Analysis in human cell line RPMI-8226.



Analysis in mouse cell line NIH-3T3, rat cell line NBT-II and rat cell line pC12.



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 Apr [PMID: 23435261]



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Products Related to NBP1-88527

NBP1-88527PEP	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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