

Product Datasheet

ARHGEF1 Antibody - BSA Free

NBP1-82843

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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NBP1-82843

ARHGEF1 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

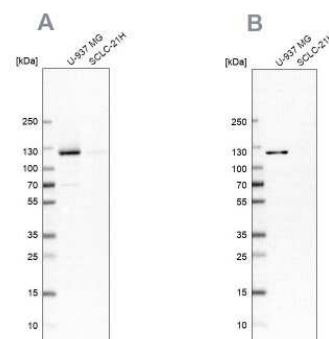
Host	Rabbit
Gene ID	9138
Gene Symbol	ARHGEF1
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YMRHLGVRTKSGDKKSGRNFFRKKVMGNRRSDEPAKTKKGLSSILDAARWNR GEPQVPDFRHLKAEVDAEKPGATDRKGGVGMPSRDRNIGAPGQDTPGVSLH PLSLDSPDREP

Product Application Details

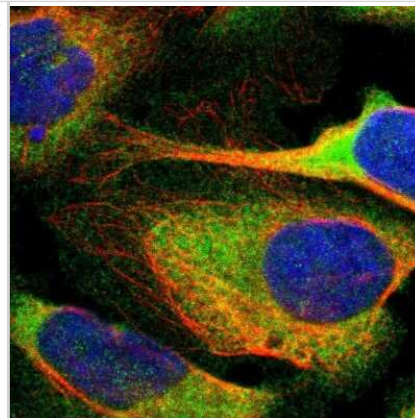
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100-1:500, Immunohistochemistry 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500-1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

Images

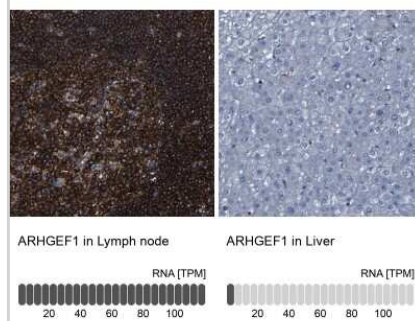
Western Blot: ARHGEF1 Antibody [NBP1-82843] - Analysis using Anti-ARHGEF1 antibody NBP1-82843 (A) shows similar pattern to independent antibody NBP2-56320 (B).



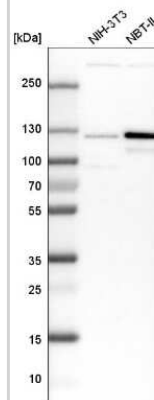
Immunocytochemistry/Immunofluorescence: ARHGEF1 Antibody [NBP1-82843] - Staining of human cell line U-2 OS shows localization to plasma membrane and cytosol.



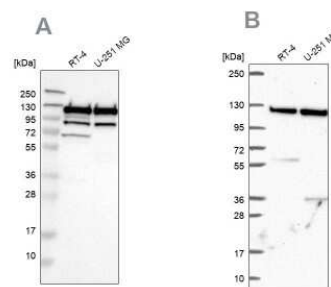
Immunohistochemistry-Paraffin: ARHGEF1 Antibody [NBP1-82843] - Analysis in human lymph node and liver tissues using NBP1-82843 antibody. Corresponding ARHGEF1 RNA-seq data are presented for the same tissues.



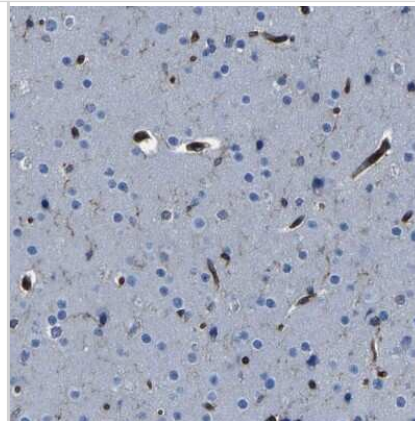
Western Blot: ARHGEF1 Antibody [NBP1-82843] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



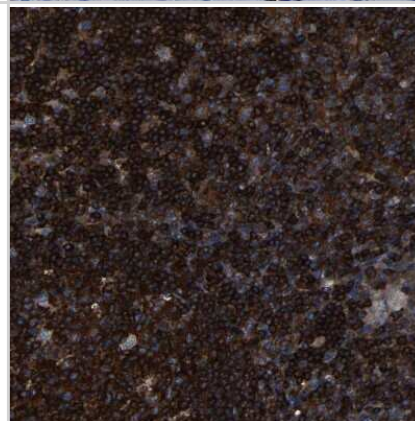
Western Blot: ARHGEF1 Antibody [NBP1-82843] - Analysis using Anti-ARHGEF1 antibody NBP1-82843 (A) shows similar pattern to independent antibody NBP2-56320 (B).



Immunohistochemistry-Paraffin: ARHGEF1 Antibody [NBP1-82843] - Staining of human cerebral cortex shows low expression as expected.



Immunohistochemistry-Paraffin: ARHGEF1 Antibody [NBP1-82843] - Staining of human lymph node shows high expression.



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]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-82843

NBP1-82843PEP	ARHGEF1 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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