

Product Datasheet

RHOT2 Antibody - BSA Free

NBP1-88982

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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NBP1-88982

RHOT2 Antibody - BSA Free

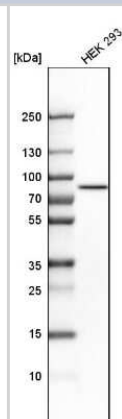
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit RHOT2 Antibody - BSA Free (NBP1-88982) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-RHOT2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	89941
Gene Symbol	RHOT2
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 24671417).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RSCLGHLGYLGYPTLCEQDQAHAITVTREKRLDQEKGGQTQRSVLLCKVVGAC GVGKSAFLQAFLGRGLGHQDTREQPPGYAIDTVQVNGQEKYLILC

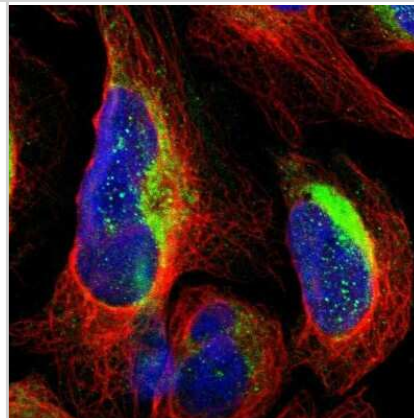
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200
Application Notes	WB, ICC/IF reported in the literature (PMID:24671417). ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100. IHC-Paraffin HIER pH6 retrieval is recommended. Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in RT-4 and U-251MG, separated by Size, antibody dilution of 1:20, apparent MW was 75 kDa

Images

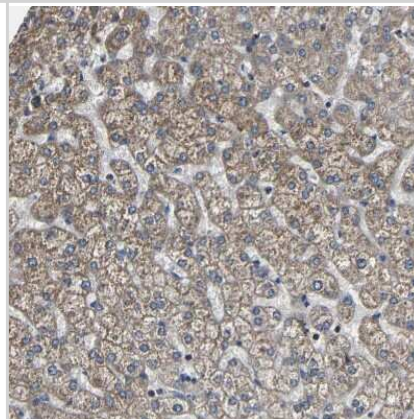
Western Blot: RHOT2 Antibody [NBP1-88982] - Analysis in human cell line HEK 293.



Immunocytochemistry/Immunofluorescence: RHOT2 Antibody [NBP1-88982] - Immunofluorescent staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



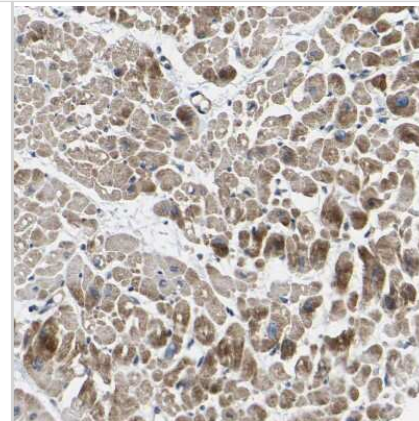
Immunohistochemistry-Paraffin: RHOT2 Antibody [NBP1-88982] - Staining of human Liver shows moderate granular cytoplasmic positivity in hepatocytes.



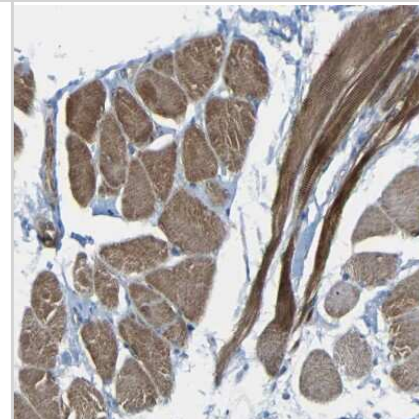
Immunohistochemistry-Paraffin: RHOT2 Antibody [NBP1-88982] - Staining of human Cerebral cortex shows moderate granular cytoplasmic positivity in neuronal cells.



Immunohistochemistry-Paraffin: RHOT2 Antibody [NBP1-88982] - Staining of human Heart muscle shows moderate granular cytoplasmic positivity in cardiomyocytes.



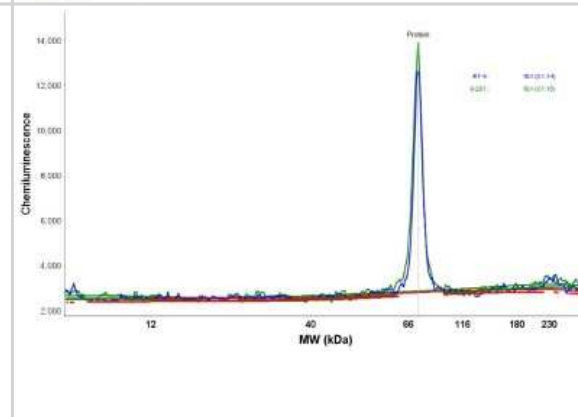
Immunohistochemistry-Paraffin: RHOT2 Antibody [NBP1-88982] - Staining of human Skeletal muscle shows moderate granular cytoplasmic positivity in myocytes.



Simple Western: RHOT2 Antibody [NBP1-88982] - Simple Western lane view shows a specific band for RHOT2 in 0.2 mg/ml of RT-4 (Left) and U-251MG (Right) lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: RHOT2 Antibody [NBP1-88982] - Electropherogram image(s) of corresponding Simple Western lane view. RHOT2 antibody was used at 1:20 dilution on RT-4 and U-251MG lysate(s).



Publications

Birsa N, Norkett R, Wauer T et al. Lysine 27 Ubiquitination of the Mitochondrial Transport Protein Miro Is Dependent on Serine 65 of the Parkin Ubiquitin Ligase. *J Biol Chem* 2014-05-23 [PMID: 24671417] (WB, ICC/IF, Human)



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Products Related to NBP1-88982

NBP1-88982PEP	RHOT2 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

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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