

Product Datasheet

actin-related protein 2/3 complex subunit 1B Antibody - BSA Free NBP1-90114

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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Publications: 4

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NBP1-90114

actin-related protein 2/3 complex subunit 1B Antibody - BSA Free

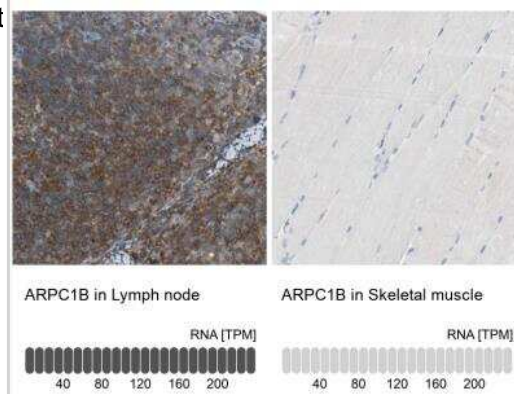
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	41 kDa

Product Description	
Host	Rabbit
Gene ID	10095
Gene Symbol	ARPC1B
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TVCLADADKKMAVATLASETLPLLALTFITDNSLVAAGHDCFPVLFTYDAAAGML SFGGRLDVPKQSSQRLTARERFQNLDDKASSEGGTAAGAGLDSLHKNSVSQ ISVLGGKAKCSQFCTTGMDGGMSIWDVKSLESA

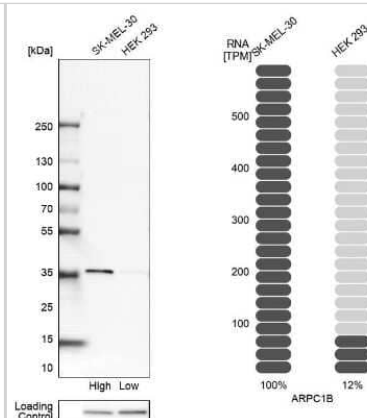
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence Reactivity reported in (PMID: 26655834). , Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

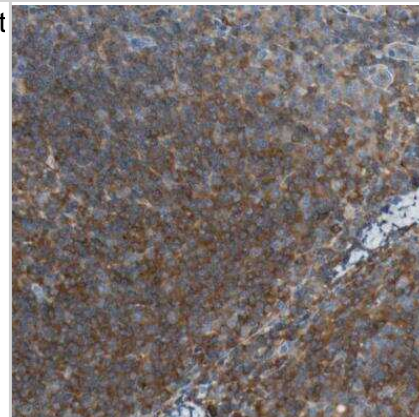
Immunohistochemistry-Paraffin: actin-related protein 2/3 complex subunit 1B Antibody [NBP1-90114] - Analysis in human lymph node and skeletal muscle tissues. Corresponding ARPC1B RNA-seq data are presented for the same tissues.



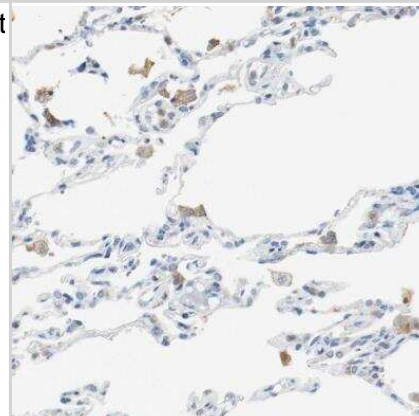
Western Blot: actin-related protein 2/3 complex subunit 1B Antibody [NBP1-90114] - Analysis in human cell lines SK-MEL-30 and HEK293 using anti-ARPC1B antibody. Corresponding ARPC1B RNA-seq data are presented for the same cell lines. Loading control: anti-HDAC1.



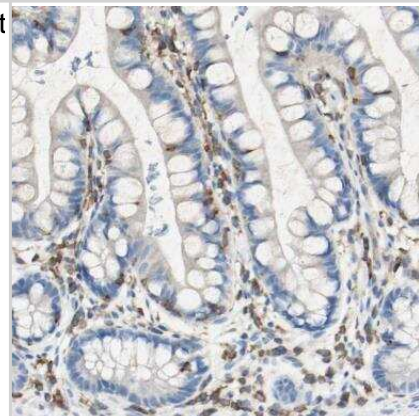
Immunohistochemistry-Paraffin: actin-related protein 2/3 complex subunit 1B Antibody [NBP1-90114] - Staining of human lymph node shows strong cytoplasmic positivity in germinal center cells.



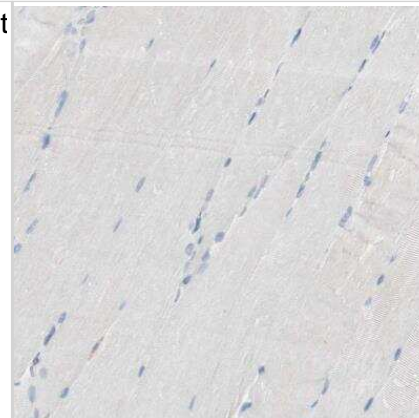
Immunohistochemistry-Paraffin: actin-related protein 2/3 complex subunit 1B Antibody [NBP1-90114] - Staining of human lung shows weak cytoplasmic positivity in macrophages.



Immunohistochemistry-Paraffin: actin-related protein 2/3 complex subunit 1B Antibody [NBP1-90114] - Staining of human small intestine shows moderate cytoplasmic positivity in lymphoid cells.



Immunohistochemistry-Paraffin: actin-related protein 2/3 complex subunit 1B Antibody [NBP1-90114] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Publications

Faris R, McCullough A, Andersen SE et al. The Chlamydia trachomatis secreted effector TmeA hijacks the N-WASP-ARP2/3 actin remodeling axis to facilitate cellular invasion PLoS pathogens 2020-09-01 [PMID: 32946535] (ICC/IF, Human)

Sun W, Yang J, Hong Y et al. Lanthanum Chloride Impairs Learning and Memory and Induces Dendritic Spine Abnormality by Down-Regulating Rac1/PAK Signaling Pathway in Hippocampus of Offspring Rats Cell. Mol. Neurobiol. 2019-11-27 [PMID: 31776842] (WB)

Somech R, Lev A, Lee YN et al. Disruption of Thrombocyte and T Lymphocyte Development by a Mutation in ARPC1B J. Immunol. 2017-11-10 [PMID: 29127144] (Human)

Jasmine V. G. Abella, Chiara Galloni, Julien Pernier et al. Isoform diversity in the Arp2/3 complex determines actin filament dynamics. Nature Cell Biology 2016-01-18 [PMID: 26655834] (ICC/IF, WB, Human)



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Products Related to NBP1-90114

NBP1-90114PEP	actin-related protein 2/3 complex subunit 1B 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

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