

Product Datasheet

Radixin Antibody (1D9) - Azide and BSA Free H00005962-M06

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 7

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00005962-M06

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/H00005962-M06



H00005962-M06

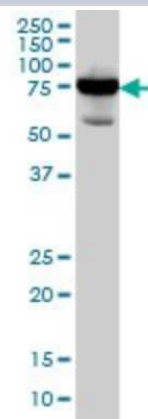
Radixin Antibody (1D9) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1D9
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5962
Gene Symbol	RDX
Species	Human, Mouse, Rat, Chicken
Reactivity Notes	Chicken reactivity reported in scientific literature (PMID: 22457506).
Specificity/Sensitivity	RDX - radixin
Immunogen	RDX (AAH47109, 1 a.a. ~ 583 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MPKPINVRVTTMDAELEFAIQPNTTGKQLFDQVVKT VGLREVWFFGLQYVDSK GYSTWLKLNKKVTQQDVKKENPLQFKFRAKFFPEDVSEELIQEITQRLFFLQVK EAILNDEIYCPPETAVLLASYAVQAKYGDYNKEIHKPGYLANDRLLPQRVLEQH KLTKEQWEERIQNWHEEHARGMLREDSMMEYLKIAQDLEMYGVNYFEIKNKKG TELWLGVDALGLNIYEHDDKLT PKIGFPWSEIRNISFNDKKFVIKPIDKKAPDFVF YAPRLRINKRILALCMGNHELYMRRRKPD TIEVQQMKAQAREEKHKQQLERAQ LENEKEKREIAEKEKERIEREKEELMERLKQIEEQTIKAQKELEEQTRKALELDQ ERKRAKEEAERLEKERRAAEEAKSAIAKQAADQMKNQEQLAAELAEFTAKIALL EEAKKKKEEEATEWQHKAFAAQEDLEKTK EELKTVMSAPPPPPPPVIPPTEN EHDEHDENNAEASAELSNEGVMNHRSEE EERV TETQKNERVKKQLQALSSELA QARDETKKTQNDVLHAENVKAGRD KYKTLRQIRQGNTKQRIDEFEAM
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.

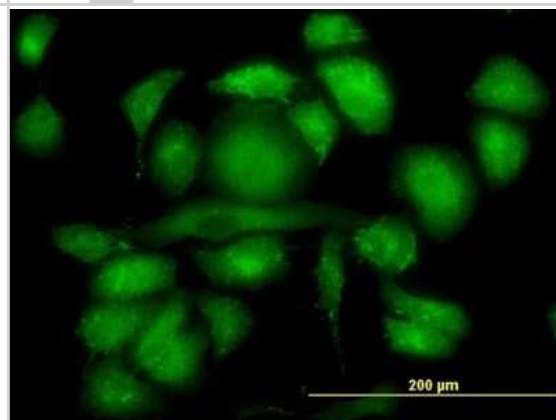


Images

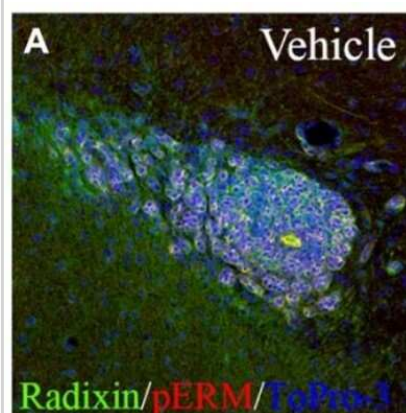
Western Blot: Radixin Antibody (1D9) [H00005962-M06] - Analysis of RDX expression in HeLa (Cat # L013V1).



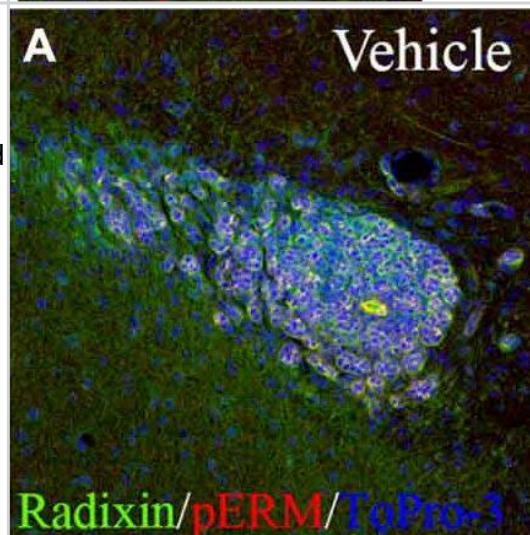
Immunocytochemistry/Immunofluorescence: Radixin Antibody (1D9) [H00005962-M06] - Analysis of monoclonal antibody to RDX on HeLa cell. Antibody concentration 30 ug/ml



Immunohistochemistry: Radixin Antibody (1D9) [H00005962-M06] - Decreased phosphorylation of radixin in the RMS after DX52-1 treatment. Merged image of radixin and phosphorylated ezrin/radixin/moesin (pERM) immunoreactivity in a coronal section of the control RMS. Scale bar = 50 μm. Image collected and cropped by CiteAb from the following publication (<https://journal.frontiersin.org/article/10.3389/fncel.2013.00161/abstract>) licensed under a CC-BY license.



Immunocytochemistry/ Immunofluorescence: Radixin Antibody (1D9) [H00005962-M06] - Decreased phosphorylation of radixin in the RMS after DX52-1 treatment. (A) Merged image of radixin & phosphorylated ezrin/radixin/moesin (pERM) immunoreactivity in a coronal section of the control RMS. (B) pERM immunoreactivity in the control RMS. (C) Merged image of radixin & phosphorylated ezrin/radixin/moesin (pERM) immunoreactivity in a coronal section in the DX52-1 treated RMS. (D) pERM immunoreactivity in the DX52-1 treated RMS. Radixin/pERM immunopositive circular structures in B & D are likely residual ependymal cells originating from the wall of the collapsed olfactory ventricle (Peretto et al., 1997). Ependymal cells are known to express high levels of ezrin which explains sustained pERM expression in this area in both control & DX52-1 treated RMS. Scale bar = 50 μm. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/24065889/>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Jocelyn K, Chang L, Inna B et al. ANKRD24 organizes TRIOBP to reinforce stereocilia insertion points. J Cell Biol. 2022-02-17 [PMID: 35175278]

Julia H, Michael B, Peter B et al. Ca²⁺ entry through mechanotransduction channels localizes BAIAP2L2 to stereocilia tips. Mol Biol Cell. 2022-01-19 [PMID: 35044843]

Sonal P, Barbara V, Marta D et al. Radixin modulates the function of outer hair cell stereocilia. Commun Biol. 2020-12-23 [PMID: 33361775]

Persson A, Osman A, Bolouri H et al. Radixin expression in microglia after cortical stroke lesion. Glia. 2013-02-26 [PMID: 23440885]

Persson A, Lindberg OR, Kuhn HG. Radixin inhibition decreases adult neural progenitor cell migration and proliferation in vitro and in vivo. Front Cell Neurosci. 2013-09-24 [PMID: 24065889]

Shin JB, Krey JF, Hassan A et al. Molecular Architecture of the Chick Vestibular Hair Bundle. Nat Neurosci 2013-03-01 [PMID: 23334578] (Chicken)

Zhao H, Williams DE, Shin JB et al. Large membrane domains in hair bundles specify spatially constricted radixin activation. J Neurosci. 2012-03-28 [PMID: 22457506] (ICC/IF, Chicken)





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 H00005962-M06

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00005962-P01-10ug	Recombinant Human Radixin GST (N-Term) Protein

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H00005962-M06

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

