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RDX Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a full length recombinant RDX.
Catalog # AT3612a

Product Information

Application	WB, IF
Primary Accession	P35241
Other Accession	BC047109
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1D9
Calculated MW	68564

Additional Information

Gene ID	5962
Other Names	Radixin, RDX
Target/Specificity	RDX (AAH47109, 1 a.a. ~ 583 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	RDX Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

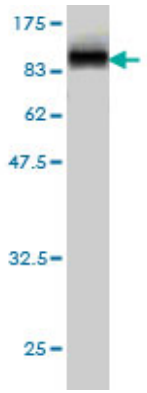
Radixin is a cytoskeletal protein that may be important in linking actin to the plasma membrane. It is highly similar in sequence to both ezrin and moesin. The radixin gene has been localized by fluorescence in situ hybridization to 11q23. A truncated version representing a pseudogene (RDXP2) was assigned to Xp21.3. Another pseudogene that seemed to lack introns (RDXP1) was mapped to 11p by Southern and PCR analyses.

References

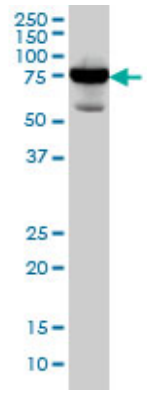
1.Radixin expression in microglia after cortical stroke lesion.Persson A, Osman A, Bolouri H, Mallard C, Kuhn HGGlia. 2013 Feb 26. doi: 10.1002/glia.22473.2.Molecular architecture of the chick vestibular hair

bundle.Shin JB, Krey JF, Hassan A, Metlagel Z, Tauscher AN, Pagana JM, Sherman NE, Jeffery ED, Spinelli KJ, Zhao H, Wilmarth PA, Choi D, David LL, Auer M, Barr-Gillespie PG.Nat Neurosci. 2013 Jan 20. doi: 10.1038/nn.3312.3.Large membrane domains in hair bundles specify spatially constricted radixin activation.Zhao H, Williams DE, Shin JB, Brugger B, Gillespie PG.J Neurosci. 2012 Mar 28;32(13):4600-9.

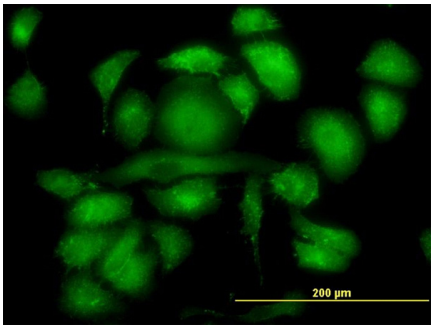
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (89.87 KDa) .



RDX monoclonal antibody (M06), clone 1D9 Western Blot analysis of RDX expression in HeLa ((Cat # AT3612a)



Immunofluorescence of monoclonal antibody to RDX on HeLa cell. [antibody concentration 30 ug/ml]