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RAPGEF4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RAPGEF4.
Catalog # AT3567a

Product Information

Application	WB, E
Primary Accession	Q8WZA2
Other Accession	BC024004
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	1C11
Calculated MW	115522

Additional Information

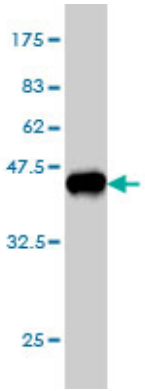
Gene ID	11069
Other Names	Rap guanine nucleotide exchange factor 4, Exchange factor directly activated by cAMP 2, Exchange protein directly activated by cAMP 2, EPAC 2, cAMP-regulated guanine nucleotide exchange factor II, cAMP-GEFII, RAPGEF4, CGEF2, EPAC2
Target/Specificity	RAPGEF4 (AAH24004, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
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	RAPGEF4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

References

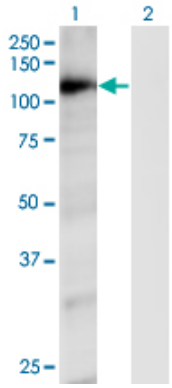
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B, et al. Autism Res, 2009 Jun. PMID 19598235.Mechanism of Epac activation: structural and functional analyses of Epac2 hinge mutants with constitutive and reduced activities. Tsalkova T, et al. J Biol Chem, 2009 Aug 28. PMID 19553663.

Images

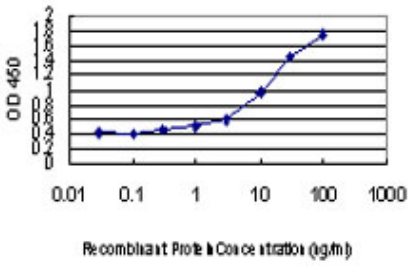


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.73 KDa) .



Western Blot analysis of RAPGEF4 expression in transfected 293T cell line by RAPGEF4 monoclonal antibody (M01), clone 1C11.

Lane 1: RAPGEF4 transfected lysate (Predicted MW: 115.5 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged RAPGEF4 is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.