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RAB4A Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant RAB4A.
Catalog # AT3530a

Product Information

Application	WB, E
Primary Accession	P20338
Other Accession	BC004309
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	1C10
Calculated MW	24390

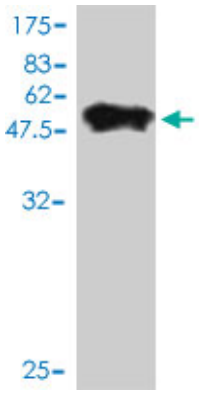
Additional Information

Gene ID	5867
Other Names	Ras-related protein Rab-4A, RAB4A, RAB4
Target/Specificity	RAB4A (AAH04309, 1 a.a. ~ 218 a.a) full-length 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	RAB4A Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

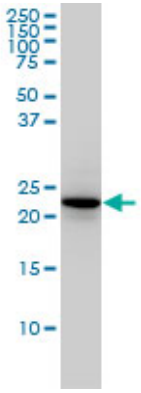
References

D-AKAP2 interacts with Rab4 and Rab11 through its RGS domains and regulates transferrin receptor recycling. Eggers CT, et al. J Biol Chem, 2009 Nov 20. PMID 19797056.Cargo-mediated regulation of a rapid Rab4-dependent recycling pathway. Yudowski GA, et al. Mol Biol Cell, 2009 Jun. PMID 19369423.VEGFR1 (Flt1) regulates Rab4 recycling to control fibronectin polymerization and endothelial vessel branching. Jones MC, et al. Traffic, 2009 Jun. PMID 19302266.Activation of mammalian target of rapamycin controls the loss of TCRzeta in lupus T cells through HRES-1/Rab4-regulated lysosomal degradation. Fernandez DR, et al. J Immunol, 2009 Feb 15. PMID 19201859.Intracellular trafficking of the human oxytocin receptor: evidence of receptor recycling via a Rab4/Rab5 short cycle. Conti F, et al. Am J Physiol Endocrinol Metab, 2009 Mar. PMID 19126785.

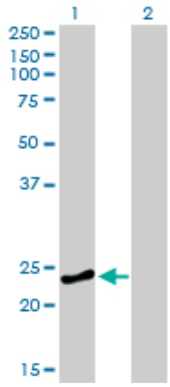
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (49.72 KDa) .

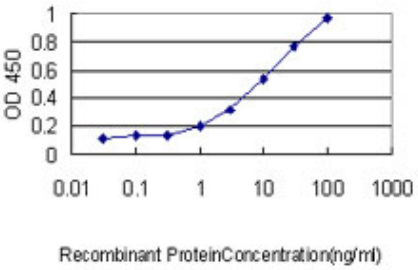


RAB4A monoclonal antibody (M01), clone 1C10 Western Blot analysis of RAB4A expression in Hela ((Cat # AT3530a)



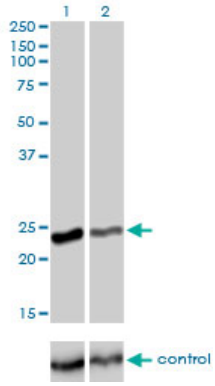
Western Blot analysis of RAB4A expression in transfected 293T cell line by RAB4A monoclonal antibody (M01), clone 1C10.

Lane 1: RAB4A transfected lysate(24.4 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged RAB4A is approximately 0.1ng/ml as a capture antibody.

Western blot analysis of RAB4A over-expressed 293 cell line, cotransfected with RAB4A Validated Chimera RNAi ((Cat # AT3530a)



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