

RAB43 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RAB43.

Catalog # AT3528a

Product Information

Application	WB, IHC, E
Primary Accession	Q86YS6
Other Accession	NM_198490
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	5G4
Calculated MW	23339

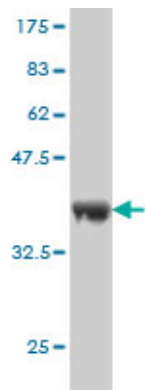
Additional Information

Gene ID	339122
Other Names	Ras-related protein Rab-43, Ras-related protein Rab-41, RAB43, RAB41
Target/Specificity	RAB43 (NP_940892, 113 a.a. ~ 210 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 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	RAB43 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

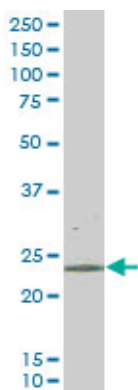
References

Rab18 and Rab43 have key roles in ER-Golgi trafficking. Dejgaard SY, et al. J Cell Sci, 2008 Aug 15. PMID 18664496. Analysis of GTPase-activating proteins: Rab1 and Rab43 are key Rabs required to maintain a functional Golgi complex in human cells. Haas AK, et al. J Cell Sci, 2007 Sep 1. PMID 17684057. Specific Rab GTPase-activating proteins define the Shiga toxin and epidermal growth factor uptake pathways. Fuchs E, et al. J Cell Biol, 2007 Jun 18. PMID 17562788. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Isolation, expression pattern of a novel human RAB gene RAB41 and characterization of its intronless homolog RAB41P. Guo JH, et al. DNA Seq, 2003 Dec. PMID 15018353.

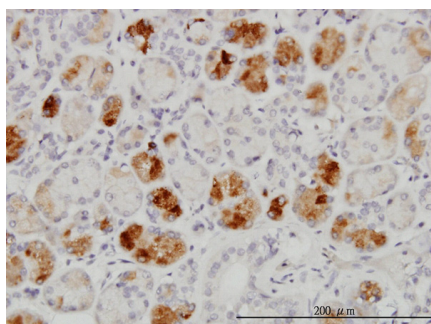
Images



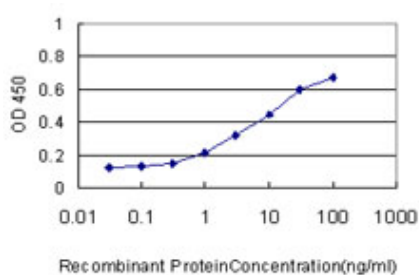
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .



RAB43 monoclonal antibody (M01), clone 5G4 Western Blot analysis of RAB43 expression in HepG2 (Cat # AT3528a)



Immunoperoxidase of monoclonal antibody to RAB43 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged RAB43 is approximately 0.1 ng/ml as a capture antibody.

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