

IQGAP2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant IQGAP2.

Catalog # AT2536a

Product Information

Application	WB, E
Primary Accession	Q13576
Other Accession	NM_006633
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	1B10
Calculated MW	180578

Additional Information

Gene ID	10788
Other Names	Ras GTPase-activating-like protein IQGAP2, IQGAP2
Target/Specificity	IQGAP2 (NP_006624, 343 a.a. ~ 449 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	IQGAP2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

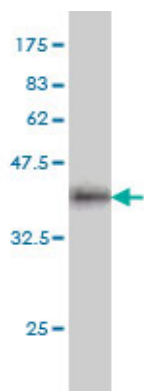
This gene encodes a member of the IQGAP family. The protein contains three IQ domains, one calponin homology domain, one Ras-GAP domain and one WW domain. It interacts with components of the cytoskeleton, with cell adhesion molecules, and with several signaling molecules to regulate cell morphology and motility.

References

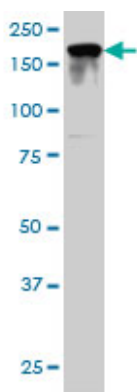
Variation at the NFATC2 Locus Increases the Risk of Thiazolinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Personalized smoking cessation: interactions between nicotine dose,

dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. A genome-wide association study for age-related hearing impairment in the Saami. Van Laer L, et al. Eur J Hum Genet, 2010 Jun. PMID 20068591. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121. IQGAP2 inactivation through aberrant promoter methylation and promotion of invasion in gastric cancer cells. Jin SH, et al. Int J Cancer, 2008 Mar 1. PMID 17957782.

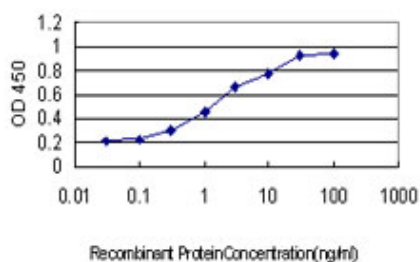
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.51 KDa) .



IQGAP2 monoclonal antibody (M01), clone 1B10 Western Blot analysis of IQGAP2 expression in HeLa (Cat # AT2536a)



Detection limit for recombinant GST tagged IQGAP2 is approximately 0.03ng/ml as a capture antibody.

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