

IQGAP3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant IQGAP3.

Catalog # AT2537a

Product Information

Application	WB, IF, IP, E
Primary Accession	Q86VI3
Other Accession	NM_178229
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	6E4
Calculated MW	184699

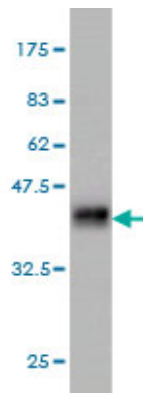
Additional Information

Gene ID	128239
Other Names	Ras GTPase-activating-like protein IQGAP3, IQGAP3
Target/Specificity	IQGAP3 (NP_839943, 602 a.a. ~ 698 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 IP~~N/A 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	IQGAP3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

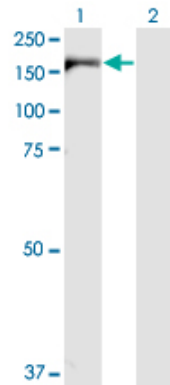
References

IQGAP3, a novel effector of Rac1 and Cdc42, regulates neurite outgrowth. Wang S, et al. J Cell Sci, 2007 Feb 15. PMID 17244649. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.

Images

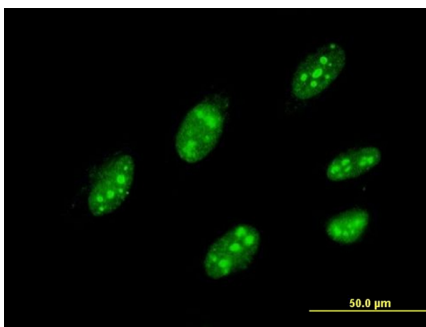


Blot detection against Immunogen (36.41 KDa) .

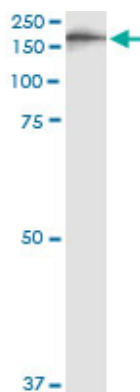


Western Blot analysis of IQGAP3 expression in transfected 293T cell line by IQGAP3 monoclonal antibody (M01), clone 6E3.

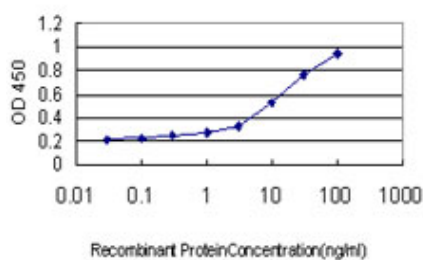
Lane 1: IQGAP3 transfected lysate(184.6 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to IQGAP3 on HeLa cell . [antibody concentration 10 ug/ml]



Immunoprecipitation of IQGAP3 transfected lysate using anti-IQGAP3 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with IQGAP3 MaxPab rabbit polyclonal antibody.



Detection limit for recombinant GST tagged IQGAP3 is approximately 0.1ng/ml as a capture antibody.

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