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TRIP6 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant TRIP6.
Catalog # AT4364a

Product Information

Application	WB, IF, E
Primary Accession	Q15654
Other Accession	NM_003302
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG3 Kappa
Clone Names	4B7
Calculated MW	50288

Additional Information

Gene ID	7205
Other Names	Thyroid receptor-interacting protein 6, TR-interacting protein 6, TRIP-6, Opa-interacting protein 1, OIP-1, Zyxin-related protein 1, ZRP-1, TRIP6, OIP1
Target/Specificity	TRIP6 (NP_003293, 51 a.a. ~ 148 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 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	TRIP6 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

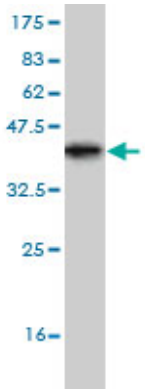
This gene is a member of the zyxin family and encodes a protein with three LIM zinc-binding domains. This protein localizes to focal adhesion sites and along actin stress fibers. Recruitment of this protein to the plasma membrane occurs in a lysophosphatidic acid (LPA)-dependent manner and it regulates LPA-induced cell migration. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.

References

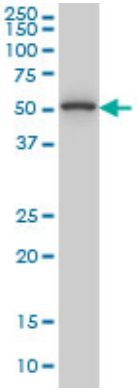
Lysophosphatidic acid 2 receptor-mediated supramolecular complex formation regulates its antiapoptotic

effect. E S, et al. J Biol Chem, 2009 May 22. PMID 19293149.IL-12 stimulates the osteoclast inhibitory peptide-1 (OIP-1/hSca) gene expression in CD4+ T cells. Shanmugarajan S, et al. J Cell Biochem, 2009 May 1. PMID 19259951.An empirical framework for binary interactome mapping. Venkatesan K, et al. Nat Methods, 2009 Jan. PMID 19060904.TRIP6, a novel molecular partner of the MAGI-1 scaffolding molecule, promotes invasiveness. Chastre E, et al. FASEB J, 2009 Mar. PMID 19017743.Osteoclast inhibitory peptide-1 (OIP-1) inhibits measles virus nucleocapsid protein stimulated osteoclast formation/activity. Shanmugarajan S, et al. J Cell Biochem, 2008 Jul 1. PMID 18348201.

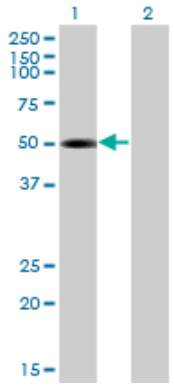
Images



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

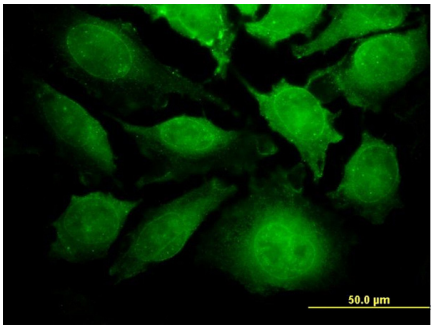


TRIP6 monoclonal antibody (M04), clone 4B7 Western Blot analysis of TRIP6 expression in Hela S3 NE ((Cat # AT4364a)

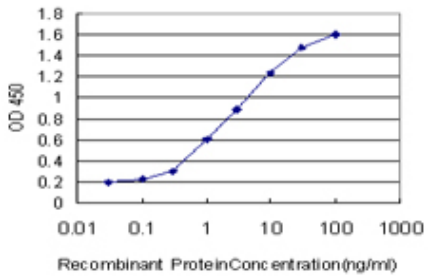


Western Blot analysis of TRIP6 expression in transfected 293T cell line by TRIP6 monoclonal antibody (M04), clone 4B7.

Lane 1: TRIP6 transfected lysate(50.3 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to TRIP6 on HeLa cell. [antibody concentration 35 ug/ml]



Detection limit for recombinant GST tagged TRIP6 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'.