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CETN1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CETN1.
Catalog # AT1502a

Product Information

Application	WB, E
Primary Accession	Q12798
Other Accession	BC029515
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2A6
Calculated MW	19570

Additional Information

Gene ID	1068
Other Names	Centrin-1, Caltractin isoform 2, CETN1, CEN1, CETN
Target/Specificity	CETN1 (AAH29515, 1 a.a. ~ 100 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	CETN1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

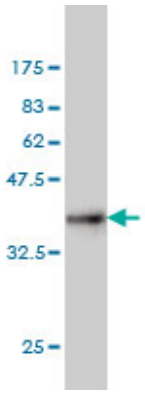
The protein encoded by this gene plays important roles in the determination of centrosome position and segregation, and in the process of microtubule severing. This encoded protein is localized to the centrosome of interphase cells, and redistributes to the region of the spindle poles during mitosis, reflecting the dynamic behavior of the centrosome during the cell cycle.

References

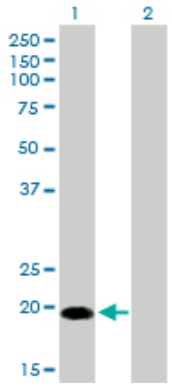
Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.CP110 cooperates with two calcium-binding proteins to regulate cytokinesis and genome stability. Tsang WY, et al. Mol Biol Cell, 2006 Aug. PMID 16760425.The GIT-associated kinase PAK targets to the

centrosome and regulates Aurora-A. Zhao ZS, et al. Mol Cell, 2005 Oct 28. PMID 16246726.HIV-1 Gag-RNA interaction occurs at a perinuclear/centrosomal site; analysis by confocal microscopy and FRET. Poole E, et al. Traffic, 2005 Sep. PMID 16101678.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.

Images

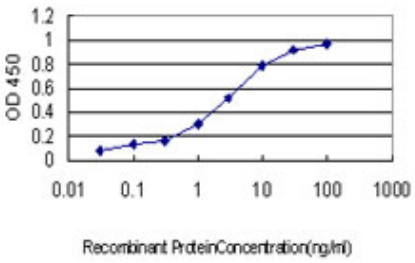


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



Western Blot analysis of CETN1 expression in transfected 293T cell line by CETN1 monoclonal antibody (M01), clone 2A6.

Lane 1: CETN1 transfected lysate(19.6 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged CETN1 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'.