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CETN1 Antibody (monoclonal) (M01)

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

Specification

CETN1 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	Q12798
Other Accession	BC029515
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**19570**

CETN1 Antibody (monoclonal) (M01) - 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

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.

CETN1 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

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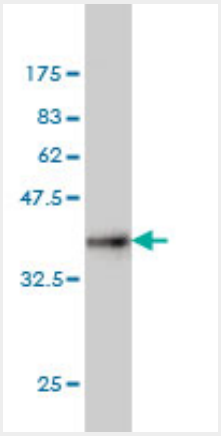
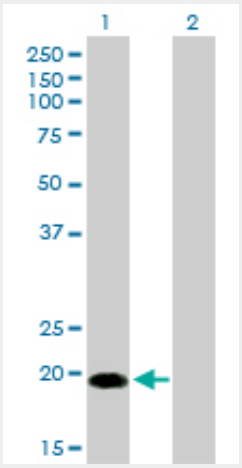
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CETN1 Antibody (monoclonal) (M01) - Images

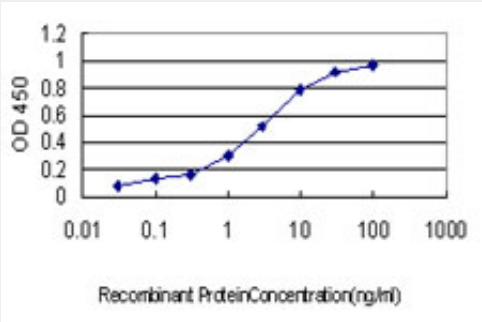


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



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.

CETN1 Antibody (monoclonal) (M01) - 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.

CETN1 Antibody (monoclonal) (M01) - 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.