10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CETN2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CETN2.
Catalog # AT1504a

Product Information

Application	WB, E
Primary Accession	P41208
Other Accession	NM_004344
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3F8
Calculated MW	19738

Additional Information

Gene ID	1069
Other Names	Centrin-2, Caltractin isoform 1, CETN2, CALT, CEN2
Target/Specificity	CETN2 (NP_004335, 85 a.a. ~ 172 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	CETN2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

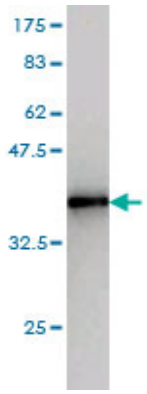
Background

Caltractin belongs to a family of calcium-binding proteins and is a structural component of the centrosome. The high level of conservation from algae to humans and its association with the centrosome suggested that caltractin plays a fundamental role in the structure and function of the microtubule-organizing center, possibly required for the proper duplication and segregation of the centrosome.

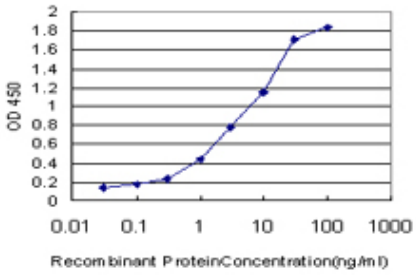
References

1.CDK5RAP2 functions in centrosome to spindle pole attachment and DNA damage response.Barr AR, Kilmartin JV, Gergely F.J Cell Biol. 2010 Apr 5;189(1):23-39.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.42 KDa) .



Detection limit for recombinant GST tagged CETN2 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'.