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CAP2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant CAP2.
Catalog # AT1386a

Product Information

Application	WB, IF, E
Primary Accession	P40123
Other Accession	BC008481
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	3G9-1A5
Calculated MW	52824

Additional Information

Gene ID	10486
Other Names	Adenylyl cyclase-associated protein 2, CAP 2, CAP2
Target/Specificity	CAP2 (AAH08481, 1 a.a. ~ 477 a.a) full-length 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	CAP2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

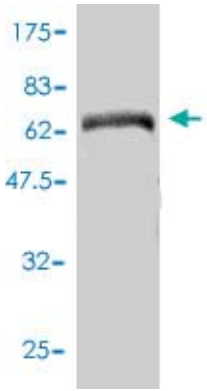
This gene was identified by its similarity to the gene for human adenylyl cyclase-associated protein. The function of the protein encoded by this gene is unknown. However, the protein appears to be able to interact with adenylyl cyclase-associated protein and actin.

References

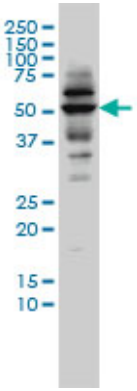
Many sequence variants affecting diversity of adult human height. Gudbjartsson DF, et al. Nat Genet, 2008 May. PMID 18391951.Overexpression of cyclase-associated protein 2 in multistage hepatocarcinogenesis. Shibata R, et al. Clin Cancer Res, 2006 Sep 15. PMID 17000669.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct.

PMID 15489334.Functional proteomics mapping of a human signaling pathway. Colland F, et al. Genome Res, 2004 Jul. PMID 15231748.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.

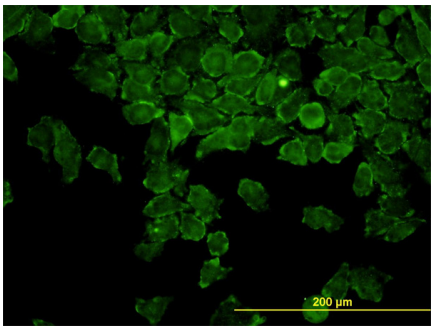
Images



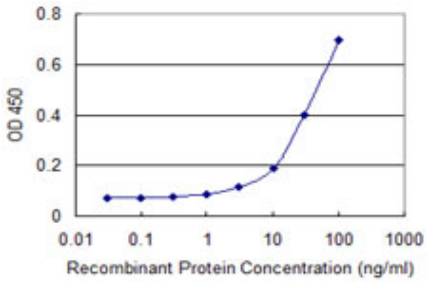
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (78.21 KDa) .



CAP2 monoclonal antibody (M01), clone 3G9-1A5 Western Blot analysis of CAP2 expression in C32 ((Cat # AT1386a)



Immunofluorescence of monoclonal antibody to CAP2 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged CAP2 is approximately 10ng/ml as a capture antibody.

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