

SPAG5 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SPAG5.

Catalog # AT4012a

Product Information

Application	WB
Primary Accession	Q96R06
Other Accession	BC000322
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG3 Kappa
Clone Names	5F9
Calculated MW	134422

Additional Information

Gene ID	10615
Other Names	Sperm-associated antigen 5, Astrin, Deepest, Mitotic spindle-associated protein p126, MAP126, SPAG5
Target/Specificity	SPAG5 (AAH00322, 1082 a.a. ~ 1191 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	SPAG5 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

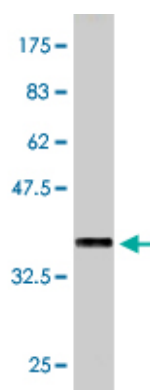
This gene encodes a protein associated with the mitotic spindle apparatus. The encoded protein may be involved in the functional and dynamic regulation of mitotic spindles.

References

Centrosome-related genes, genetic variation, and risk of breast cancer. Olson JE, et al. Breast Cancer Res Treat, 2010 May 28. PMID 20508983. SNM1B/Apollo interacts with astrin and is required for the prophase cell cycle checkpoint. Liu L, et al. Cell Cycle, 2009 Feb 15. PMID 19197158. Astrin regulates Aurora-A localization. Du J, et al. Biochem Biophys Res Commun, 2008 May 30. PMID 18361916. Glycogen synthase

kinase 3beta interacts with and phosphorylates the spindle-associated protein astrin. Cheng TS, et al. J Biol Chem, 2008 Jan 25. PMID 18055457. Astrin is required for the maintenance of sister chromatid cohesion and centrosome integrity. Thein KH, et al. J Cell Biol, 2007 Jul 30. PMID 17664331.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.51 KDa) .

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