

TIPIN Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TIPIN.

Catalog # AT4247a

Product Information

Application	WB, IF, E
Primary Accession	Q9BVW5
Other Accession	BC000870
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	1G11
Calculated MW	34555

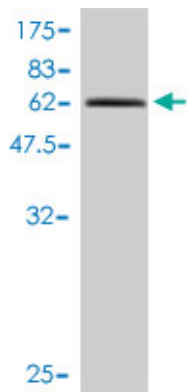
Additional Information

Gene ID	54962
Other Names	TIMELESS-interacting protein, TIPIN
Target/Specificity	TIPIN (AAH00870, 1 a.a. ~ 301 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	TIPIN Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

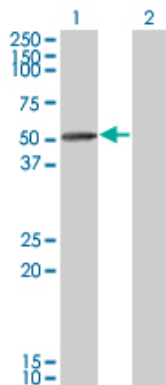
References

Tipin-replication protein A interaction mediates Chk1 phosphorylation by ATR in response to genotoxic stress. Kemp MG, et al. J Biol Chem, 2010 May 28. PMID 20233725. Systematic analysis of circadian genes in a population-based sample reveals association of TIMELESS with depression and sleep disturbance. Utge SJ, et al. PLoS One, 2010 Feb 18. PMID 20174623. Human Timeless and Tipin stabilize replication forks and facilitate sister-chromatid cohesion. Leman AR, et al. J Cell Sci, 2010 Mar 1. PMID 20124417. Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732. The human Tim/Tipin complex coordinates an Intra-S checkpoint response to UV that slows replication fork displacement. Unsal-Ka?maz K, et al. Mol Cell Biol, 2007 Apr. PMID 17296725.

Images



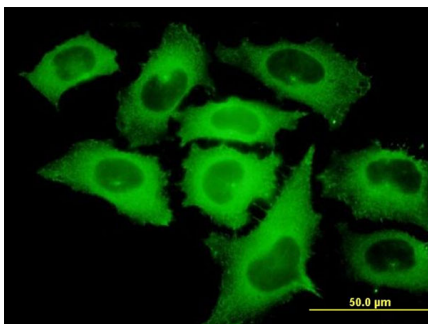
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (58.85 KDa) .



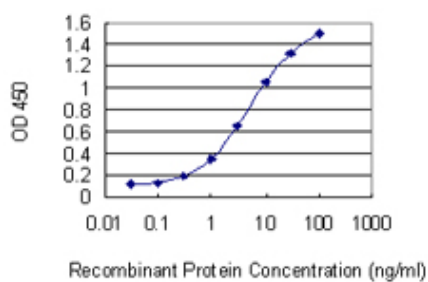
Western Blot analysis of TIPIN expression in transfected 293T cell line by TIPIN monoclonal antibody (M01), clone 1G11.

Lane 1: TIPIN transfected lysate (34.496 KDa).

Lane 2: Non-transfected lysate.



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



Detection limit for recombinant GST tagged TIPIN is 0.03 ng/ml as a capture antibody.

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