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RP11-19J3.3 Antibody (monoclonal) (M07)

Mouse monoclonal antibody raised against a partial recombinant CENPP.
Catalog # AT3693a

Product Information

Application	WB
Primary Accession	Q6IPU0
Other Accession	NM_001012267
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3G8
Calculated MW	33165

Additional Information

Gene ID	401541
Other Names	Centromere protein P, CENP-P, CENPP
Target/Specificity	CENPP (NP_001012267, 1 a.a. ~ 98 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	RP11-19J3.3 Antibody (monoclonal) (M07) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

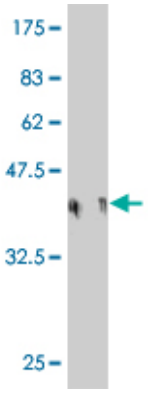
CENPP is a subunit of a CENPH (MIM 605607)-CENPI (MIM 300065)-associated centromeric complex that targets CENPA (MIM 117139) to centromeres and is required for proper kinetochore function and mitotic progression (Okada et al., 2006 [PubMed 16622420]).

References

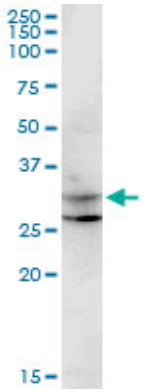
Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID

20379614.Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.The CENP-H-I complex is required for the efficient incorporation of newly synthesized CENP-A into centromeres. Okada M, et al. Nat Cell Biol, 2006 May. PMID 16622420.The human CENP-A centromeric nucleosome-associated complex. Foltz DR, et al. Nat Cell Biol, 2006 May. PMID 16622419.

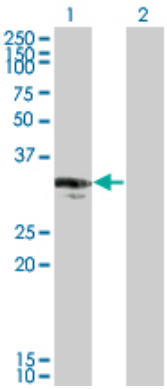
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.52 KDa) .



CENPP monoclonal antibody (M07), clone 3G8. Western Blot analysis of CENPP expression in K-562.



Western Blot analysis of CENPP expression in transfected 293T cell line by CENPP monoclonal antibody (M07), clone 3G8.

Lane 1: CENPP transfected lysate(33.165 KDa).
Lane 2: Non-transfected lysate.

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