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C1orf33 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant C1orf33.
Catalog # AT1336a

Product Information

Application	WB, IF, E
Primary Accession	Q9UKD2
Other Accession	BC003013
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	1C12
Calculated MW	27560

Additional Information

Gene ID	51154
Other Names	mRNA turnover protein 4 homolog, MRTO4, C1orf33, MRT4
Target/Specificity	C1orf33 (AAH03013, 1 a.a. ~ 239 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	C1orf33 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

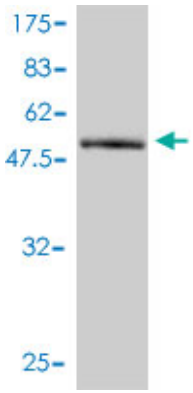
This gene encodes a protein sharing a low level of sequence similarity with ribosomal protein P0. While the precise function of the encoded protein is currently unknown, it appears to be involved in mRNA turnover and ribosome assembly.

References

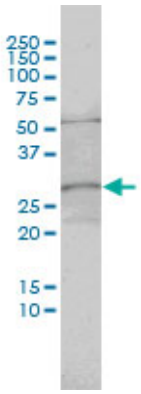
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Subcellular localization of ribosomal P0-like protein MRT4 is determined by its N-terminal domain. Michalec B, et al. Int J Biochem Cell Biol, 2010 May. PMID 20083226.Ribosome stalk assembly requires the dual-specificity phosphatase Yvh1 for the exchange of

Mrt4 with P0. Lo KY, et al. J Cell Biol, 2009 Sep 21. PMID 19797078.The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. Nature, 2006 May 18. PMID 16710414.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.

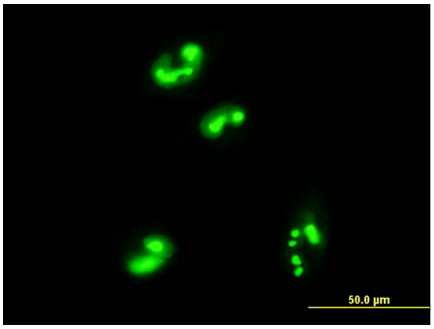
Images



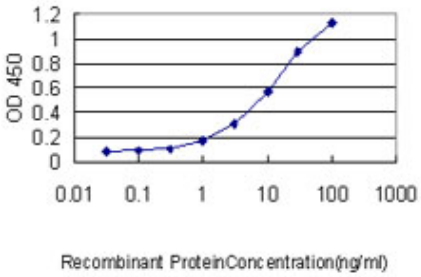
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (52.03 KDa) .



C1orf33 monoclonal antibody (M01), clone 1C12 Western Blot analysis of C1orf33 expression in HepG2 ((Cat # AT1336a)



Immunofluorescence of monoclonal antibody to C1orf33 on HepG2 cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged C1orf33 is approximately 0.03ng/ml as a capture antibody.

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