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TRAPPC2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TRAPPC2.
Catalog # AT4333a

Product Information

Application	WB, E
Primary Accession	P0DI81
Other Accession	BC016915
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b kappa
Clone Names	2E11
Calculated MW	16445

Additional Information

Gene ID	6399
Other Names	Trafficking protein particle complex subunit 2, Sedlin, TRAPPC2, SEDL
Target/Specificity	TRAPPC2 (AAH16915, 1 a.a. ~ 140 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	TRAPPC2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

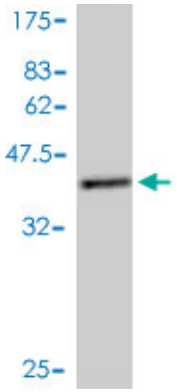
The protein encoded by this gene is thought to be part of a large multi-subunit complex involved in the targeting and fusion of endoplasmic reticulum-to-Golgi transport vesicles with their acceptor compartment. In addition, the encoded protein can bind c-myc promoter-binding protein 1 and block its transcriptional repression capability. Mutations in this gene are a cause of spondyloepiphyseal dysplasia tarda (SEDT). A processed pseudogene of this gene is located on chromosome 19, and other pseudogenes are found on chromosomes 8 and Y. Alternatively spliced transcript variants have been found for this gene.

References

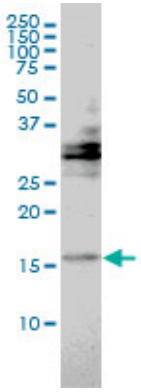
SEDLIN forms homodimers: characterisation of SEDLIN mutations and their interactions with transcription

factors MBP1, PITX1 and SF1. Jeyabalan J, et al. PLoS One, 2010 May 14. PMID 20498720.Interaction of Sedlin with PAM14. Liu X, et al. J Cell Biochem, 2010 Apr 15. PMID 20108251.A novel insertion mutation in the SEDL gene results in X-linked spondyloepiphyseal dysplasia tarda in a large Chinese pedigree. Xia XY, et al. Clin Chim Acta, 2009 Dec. PMID 19766614.Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.A novel RNA-splicing mutation in TRAPPC2 gene causing x-linked spondyloepiphyseal dysplasia tarda in a large Chinese family. Guo H, et al. J Genet, 2009 Apr. PMID 19417549.

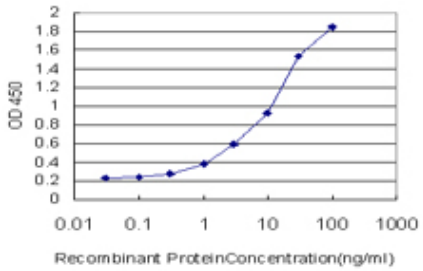
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (41.14 KDa) .



TRAPPC2 monoclonal antibody (M01), clone 2E10 Western Blot analysis of TRAPPC2 expression in Hela ((Cat # AT4333a)



Detection limit for recombinant GST tagged TRAPPC2 is approximately 0.3ng/ml as a capture antibody.