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CUL7 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CUL7.
Catalog # AT1683a

Product Information

Application	WB, E
Primary Accession	Q14999
Other Accession	BC033647
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	2G11
Calculated MW	191161

Additional Information

Gene ID	9820
Other Names	Cullin-7, CUL-7, CUL7, KIAA0076
Target/Specificity	CUL7 (AAH33647, 1 a.a. ~ 100 a.a) partial 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	CUL7 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

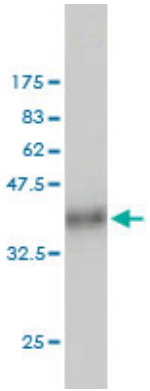
The protein encoded by this gene is a component of an E3 ubiquitin-protein ligase complex. The encoded protein interacts with TP53, CUL9, and FBXW8 proteins. Defects in this gene are a cause of 3M syndrome type 1 (3M1). Two transcript variants encoding different isoforms have been found for this gene.

References

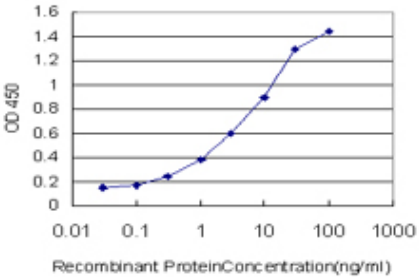
Cullins in human intra-uterine growth restriction: expressional and epigenetic alterations. Gascoin-Lachambre G, et al. Placenta, 2010 Feb. PMID 20005570.A large-scale mutation search reveals genetic heterogeneity in 3M syndrome. Huber C, et al. Eur J Hum Genet, 2009 Mar. PMID 19225462.CUL7 is a novel antiapoptotic oncogene. Kim SS, et al. Cancer Res, 2007 Oct 15. PMID 17942889.Clinical, molecular

and histopathological features of short stature syndrome with novel CUL7 mutation in Yakuts: new population isolate in Asia. Maksimova N, et al. J Med Genet, 2007 Dec. PMID 17675530.Induction of cullin 7 by DNA damage attenuates p53 function. Jung P, et al. Proc Natl Acad Sci U S A, 2007 Jul 3. PMID 17586686.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



Detection limit for recombinant GST tagged CUL7 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'.