10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BTBD1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant BTBD1.
Catalog # AT1315a

Product Information

Application	WB, E
Primary Accession	Q9H0C5
Other Accession	NM_025238
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3E12
Calculated MW	52771

Additional Information

Gene ID	53339
Other Names	BTB/POZ domain-containing protein 1, Hepatitis C virus NS5A-transactivated protein 8, HCV NS5A-transactivated protein 8, BTBD1, C15orf1, NS5ATP8
Target/Specificity	BTBD1 (NP_079514, 384 a.a. ~ 482 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	BTBD1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

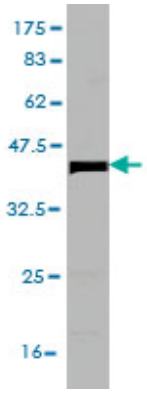
The C-terminus of the protein encoded by this gene binds topoisomerase I. The N-terminus contains a proline-rich region and a BTB/POZ domain (broad-complex, Tramtrack and bric a brac/Pox virus and Zinc finger), both of which are typically involved in protein-protein interactions. Subcellularly, the protein localizes to cytoplasmic bodies. Alternative splicing results in multiple transcript variants encoding different isoforms.

References

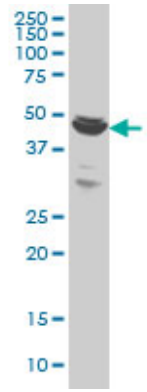
Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID

19615732.Search for cellular partners of human papillomavirus type 16 E2 protein. Olejnik-Schmidt AK, et al. Arch Virol, 2008. PMID 18305892.The LIFEdb database in 2006. Mehrle A, et al. Nucleic Acids Res, 2006 Jan 1. PMID 16381901.From ORFeome to biology: a functional genomics pipeline. Wiemann S, et al. Genome Res, 2004 Oct. PMID 15489336.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.

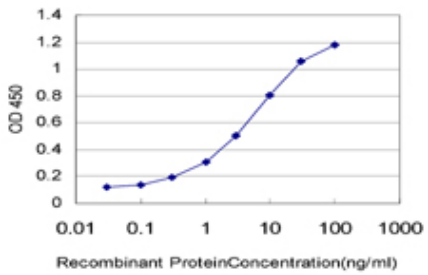
Images



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



BTBD1 monoclonal antibody (M01), clone 3E11 Western Blot analysis of BTBD1 expression in HeLa ((Cat # AT1315a)



Detection limit for recombinant GST tagged BTBD1 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'.