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FBXO36 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant FBXO36.
Catalog # AT2019a

Product Information

Application	WB, E
Primary Accession	Q8NEA4
Other Accession	NM_174899
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3D3
Calculated MW	22105

Additional Information

Gene ID	130888
Other Names	F-box only protein 36, FBXO36, FBX36
Target/Specificity	FBXO36 (NP_777559, 66 a.a. ~ 165 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	FBXO36 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

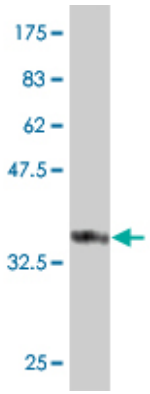
Members of the F-box protein family, such as FBXO36, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1 (MIM 601434), cullin (see CUL1; MIM 603134), and F-box proteins, act as protein-ubiquitin ligases. F-box proteins interact with SKP1 through the F box, and they interact with ubiquitination targets through other protein interaction domains (Jin et al., 2004 [PubMed 15520277]).

References

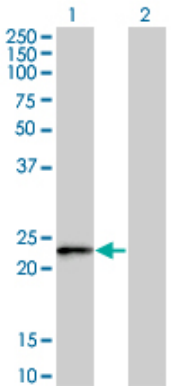
Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Systematic analysis and nomenclature of

mammalian F-box proteins. Jin J, et al. Genes Dev, 2004 Nov 1. PMID 15520277.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.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.

Images

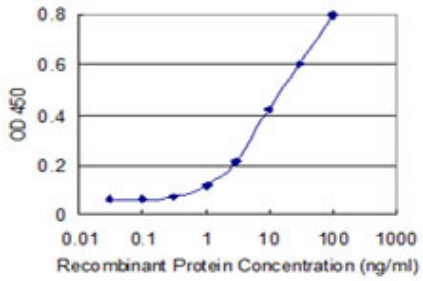


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



Western Blot analysis of FBXO36 expression in transfected 293T cell line by FBXO36 monoclonal antibody (M02), clone 3D3.

Lane 1: FBXO36 transfected lysate(22.1 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged FBXO36 is 0.3 ng/ml as a capture antibody.

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