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FBXO25 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant FBXO25.
Catalog # AT2018a

Product Information

Application	WB, E
Primary Accession	Q8TCJ0
Other Accession	BC050393
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a kappa
Clone Names	2F1
Calculated MW	43313

Additional Information

Gene ID	26260
Other Names	F-box only protein 25, FBXO25, FBX25
Target/Specificity	FBXO25 (AAH50393, 1 a.a. ~ 367 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	FBXO25 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

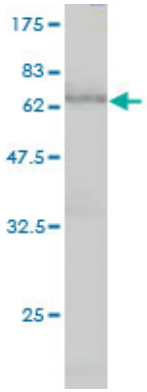
Background

This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. Three alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

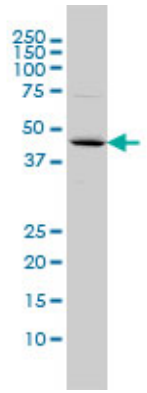
References

FBXO25-associated nuclear domains: a novel subnuclear structure. Manfiolli AO, et al. Mol Biol Cell, 2008 May. PMID 18287534.Characterization of FBX25, encoding a novel brain-expressed F-box protein. Hagens O, et al. Biochim Biophys Acta, 2006 Jan. PMID 16278047.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.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.A family of mammalian F-box proteins. Winston JT, et al. Curr Biol, 1999 Oct 21. PMID 10531037.

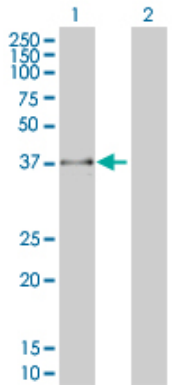
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (66.11 KDa) .

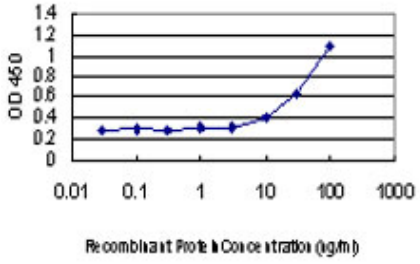


FBXO25 monoclonal antibody (M01), clone 2F1 Western Blot analysis of FBXO25 expression in COLO 320 HSR ((Cat # AT2018a)



Western Blot analysis of FBXO25 expression in transfected 293T cell line by FBXO25 monoclonal antibody (M01), clone 2F1.

Lane 1: FBXO25 transfected lysate(43 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged FBXO25 is approximately 3ng/ml as a capture antibody.

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