

FBXO42 Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a partial recombinant FBXO42.****Catalog # AT2020a****Specification**

FBXO42 Antibody (monoclonal) (M02) - Product Information

Application	WB
Primary Accession	Q6P3S6
Other Accession	NM_018994
Reactivity	Human, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	77839

FBXO42 Antibody (monoclonal) (M02) - Additional Information**Gene ID** 54455**Other Names**

F-box only protein 42, Just one F-box and Kelch domain-containing protein, FBXO42, FBX42, JFK, KIAA1332

Target/Specificity

FBXO42 (NP_061867, 619 a.a. ~ 717 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

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

FBXO42 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

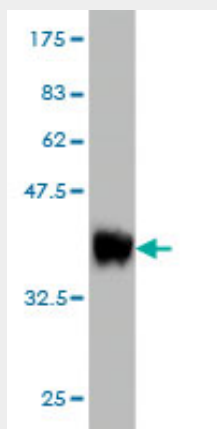
FBXO42 Antibody (monoclonal) (M02) - Protocols

Provided below are standard protocols that you may find useful for product applications.

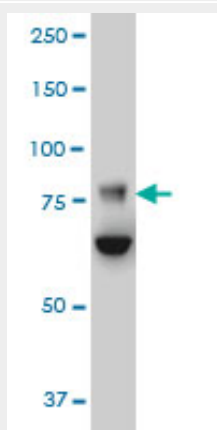
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

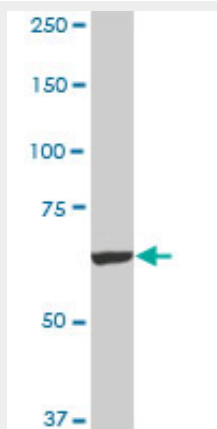
FBXO42 Antibody (monoclonal) (M02) - Images



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



FBXO42 monoclonal antibody (M02), clone 2F10 Western Blot analysis of FBXO42 expression in HeLa (Cat # AT2020a)



FBXO42 monoclonal antibody (M02), clone 2F10. Western Blot analysis of FBXO42 expression in PC-12((Cat # AT2020a)

FBXO42 Antibody (monoclonal) (M02) - Background

Members of the F-box protein family, such as FBXO42, 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]).

FBXO42 Antibody (monoclonal) (M02) - References

JFK, a Kelch domain-containing F-box protein, links the SCF complex to p53 regulation. Sun L, et al. Proc Natl Acad Sci U S A, 2009 Jun 23. PMID 19509332. The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. Nature, 2006 May 18. PMID 16710414. 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.