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FBXL3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant FBXL3.
Catalog # AT2013a

Specification

FBXL3 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	Q9UKT7
Other Accession	NM_012158
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**48707**

FBXL3 Antibody (monoclonal) (M01) - Additional Information

Gene ID 26224

Other Names
F-box/LRR-repeat protein 3, F-box and leucine-rich repeat protein 3A, F-box/LRR-repeat protein 3A, FBXL3, FBL3A, FBXL3A

Target/Specificity
FBXL3 (NP_036290, 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

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
FBXL3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

FBXL3 Antibody (monoclonal) (M01) - Protocols

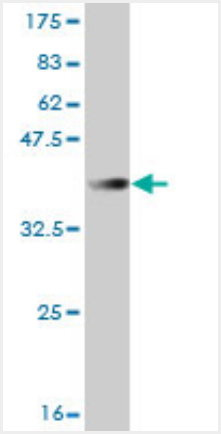
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

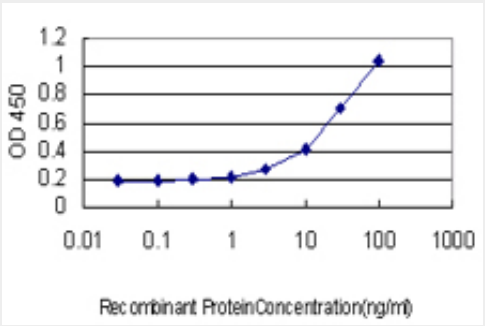
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FBXL3 Antibody (monoclonal) (M01) - Images



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



Detection limit for recombinant GST tagged FBXL3 is approximately 1ng/ml as a capture antibody.

FBXL3 Antibody (monoclonal) (M01) - 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 Fbls class and, in addition to an F-box, contains several tandem leucine-rich repeats and is localized in the nucleus.

FBXL3 Antibody (monoclonal) (M01) - References

SCFFbxl3 controls the oscillation of the circadian clock by directing the degradation of cryptochrome proteins. Busino L, et al. Science, 2007 May 11. PMID 17463251.Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.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.cDNA cloning and expression analysis of new members of the mammalian F-box protein family. Ilyin GP, et al. Genomics, 2000 Jul 1. PMID 10945468.