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FBXO8 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant FBXO8.
Catalog # AT2022a

Specification

FBXO8 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	Q9NRD0
Other Accession	NM_012180
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**37068**

FBXO8 Antibody (monoclonal) (M01) - Additional Information

Gene ID 26269

Other Names
F-box only protein 8, F-box/SEC7 protein FBS, FBXO8, FBS, FBX8

Target/Specificity
FBXO8 (NP_036312, 1 a.a. ~ 77 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
FBXO8 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

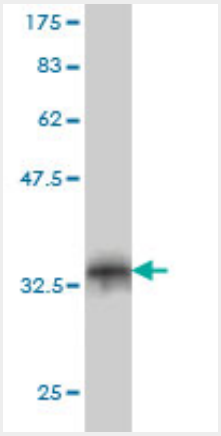
FBXO8 Antibody (monoclonal) (M01) - Protocols

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

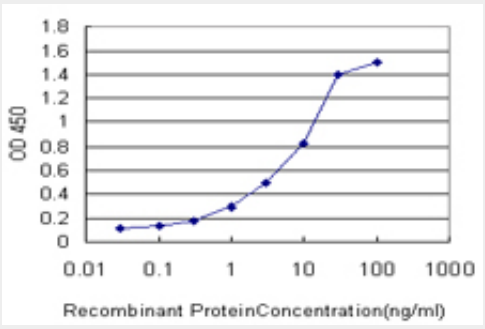
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

FBXO8 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (34.21 KDa) .



Detection limit for recombinant GST tagged FBXO8 is approximately 0.1ng/ml as a capture antibody.

FBXO8 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 the 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. It contains a C-terminal amino acid sequence that bears a significant similarity with a portion of yeast Sec7p, a critical regulator of vesicular protein transport. This human protein may interact with ADP-ribosylation factor(s)(ARFs) and exhibit ARF-GEF (guanine nucleotide exchange factor) activity.

FBXO8 Antibody (monoclonal) (M01) - References

Screening for replication of genome-wide SNP associations in sporadic ALS. Cronin S, et al. Eur J Hum Genet, 2009 Feb. PMID 18987618.Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.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.The secreted protein discovery initiative (SPDI), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics assessment. Clark HF, et al. Genome Res, 2003 Oct. PMID 12975309.