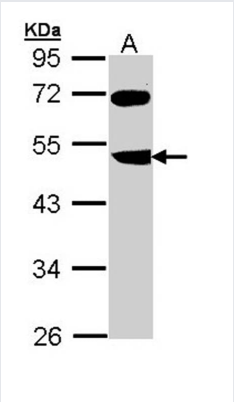
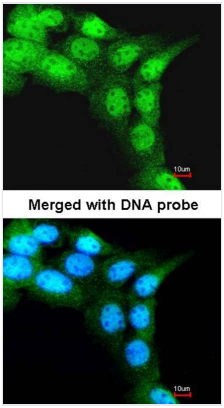
FBXL3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FBXL3, Polyclonal Antibody
Full Product Name	FBXL3 antibody
Product Gene Name	anti-FBXL3 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Purity/Purification	Purified by antigen-affinity chromatography.
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.
Molecular Weight	48,707 Da
OMIM	605653
3D Structure	ModBase 3D Structure for Q9UKT7
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 14 and 279 of FBXL3
Target Name	FBXL3
Product Categories/Family for anti-FBXL3 antibody	Total protein Ab
Applications Tested/Suitable for anti-FBXL3 antibody	Western Blot (WB), Immunofluorescence (IF)
Application Notes for anti-FBXL3 antibody	Western blotting: 1:500-1:3000 Immunofluorescence: 1:100-1:200
Related Product Information for anti-FBXL3 antibody	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. [provided by RefSeq]
Other Notes	Small volumes of anti-FBXL3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FBXL3 purchase	MBS9412552 is an antibody targeting FBXL3. Also known as FBXL3 antibody. Reactive in Human. Host: Rabbit.



Testing Data of anti-FBXL3 antibody
Sample (30 ug of whole cell lysate) A: Molt-4 10% SDS PAGE Primary antibody diluted at 1: 1000



Immunofluorescence (IF) of anti-FBXL3 antibody
Immunofluorescence analysis of paraformaldehyde-fixed A431, using FBXL3 antibody at 1: 200 dilution.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FBXL3. It may not necessarily be applicable to this product.

NCBI GI #	16306584
NCBI GeneID	26224
NCBI Accession #	NP_036290
UniProt Primary Accession #	Q9UKT7
UniProt Secondary Accession #	Q9P122; B2RB04
UniProt Related Accession #	Q9UKT7
GenBank Nucleotide #	NM_012158.2
NCBI Official Full Name	F-box/LRR-repeat protein 3
NCBI Official Synonym Full Names	F-box and leucine rich repeat protein 3
NCBI Official Symbol	FBXL3
NCBI Official Synonym Symbols	FBL3; FBL3A; FBXL3A
UniProt Protein Name	F-box/LRR-repeat protein 3
UniProt Synonym Protein Names	F-box and leucine-rich repeat protein 3A; F-box/LRR-repeat protein 3A
UniProt Gene Name	FBXL3
UniProt Synonym Gene Names	FBL3A; FBXL3A
UniProt Entry Name	FBXL3_HUMAN
NCBI Protein Information	F-box/LRR-repeat protein 3

UniProt Comments for FBXL3	FBXL3: Substrate-recognition component of some SCF (SKP1-CUL1- F-box protein)-type E3 ubiquitin ligase complex involved in circadian clock function. The SCF(FBXL3) complex acts by mediating ubiquitination and subsequent degradation of CRY1 and CRY2. Recruiter of target protein that may recognize and bind to some phosphorylated proteins and promotes their ubiquitination and degradation. Protein type: Ubiquitin conjugating system Chromosomal Location of Human Ortholog: 13q22 Cellular Component: nucleoplasm; cytoplasm; SCF ubiquitin ligase complex; cytosol; nucleus; ubiquitin ligase complex Molecular Function: protein binding; ubiquitin-protein ligase activity Biological Process: circadian rhythm; SCF-dependent proteasomal ubiquitin-dependent protein catabolic process; protein destabilization; protein ubiquitination; regulation of circadian rhythm; entrainment of circadian clock by photoperiod
Research Articles on FBXL3	**1.** Data show that CRISPR/Cas9 genome editing generated F-box and leucine-rich repeat protein 3 (Fbxl3) knockout in circadian clock model U2OS cells.
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