

## FBX18 rabbit pAb

Catalog No: YT7479

**Reactivity:** Human; Mouse

**Applications:** WB

Target: FBX18

Gene Name: FBXO18 FBH1 FBX18

Protein Name: FBX18

Human Gene Id: 84893

**Human Swiss Prot** 

No:

Q8NFZ0

Mouse Gene Id: 50755

**Mouse Swiss Prot** 

No:

Q8K2I9

Immunogen: Synthesized peptide derived from human FBX18 AA range: 799-849

**Specificity:** This antibody detects endogenous levels of FBX18 at Human/Mouse

**Formulation:** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1 ?500-2000

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Concentration**: 1 mg/ml

**Storage Stability:** -15°C to -25°C/1 year(Do not lower than -25°C)

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Molecularweight: 115kD

**Background:** 

This gene encodes a member of the F-box protein family, members of which are 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 three 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 Fbx class. It contains an F-box motif and seven conserved helicase motifs, and has both DNA-dependent ATPase and DNA unwinding activities. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],

**Function:** 

function:DNA-dependent ATPase. Unwinds double-stranded DNA in a 3' to 5' direction.,function:Probably recognizes and binds to some phosphorylated proteins and promotes their ubiquitination and degradation.,similarity:Belongs to the helicase family. UvrD subfamily.,similarity:Contains 1 F-box domain.,subunit:Part of a SCF E3 ubiquitin ligase complex consisting of SKP1, CUL1, RBX1 and FBXO18. Interacts with SKP1.,

Subcellular Location:

Nucleus . Chromosome . Accumulates at sites of DNA damage or replication stress (PubMed:19736316, PubMed:23677613). PCNA is required for localization to DNA damage sites (PubMed:23677613). Localizes to the nucleoplasm in absence of DNA damage (PubMed:23677613).

**Sort**: 5978

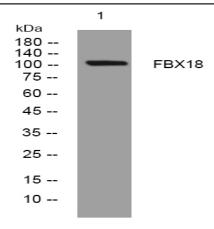
No4: 1

Host: Rabbit

Modifications: Unmodified

## **Products Images**

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Western blot analysis of lysates from HuvEc cells, primary antibody was diluted at 1:1000, 4° over night