



## Rabbit Anti-FBXO18 antibody

SL10496R

<b>Product Name:</b>	FBXO18
<b>Chinese Name:</b>	F-box蛋白家族FBXO18抗体
<b>Alias:</b>	Fbx18; FLJ14590; MGC131916; MGC141935; MGC141937; F box DNA helicase 1; F box only protein 18; F box protein, helicase, 18; F-box only protein 18, F-box DNA helicase 1; FBH1; FBX18 HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	118kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/1ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human FBXO18 :1-100/1043
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	FBXO18 belongs to the F-box protein family, whose members share the F-box, an approximately 40 amino acid motif. It has both DNA-dependent ATPase and DNA unwinding activities. FBXO18 is a 1,043 amino acid protein encoded by the human gene FBXO18. FBXO18 belongs to the helicase family (UvrD subfamily) and contains one F-box domain. This

nuclear protein is a DNA-dependent ATPase that unwinds double-stranded DNA in a 3' to 5' direction. FBXO18 also recognizes and binds to a variety of phosphorylated proteins and promotes their ubiquitination and degradation. It also interacts with Skp1 in the SCF E3 ubiquitin ligase complex consisting of Skp1, CUL-1, Rbx1 and FBXO18.

**Function:**

DNA-dependent ATPase. Unwinds double-stranded DNA in a 3' to 5' direction. Probably recognizes and binds to some phosphorylated proteins and promotes their ubiquitination and degradation.

**Subunit:**

Part of a SCF E3 ubiquitin ligase complex consisting of SKP1, CUL1, RBX1 and FBXO18. Interacts with SKP1.

**Subcellular Location:**

Nuclear

**Similarity:**

Belongs to the helicase family. UvrD subfamily.  
Contains 1 F-box domain.

**SWISS:**

Q8NFZ0

**Gene ID:**

84893

**Database links:**

[Entrez Gene: 84893](#)Human

[GenBank: BC113377](#)Human

[Omim: 607222](#)Human

[SwissProt: Q8NFZ0](#)Human

[Unigene: 498543](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.