



## Rabbit Anti-FBXW12 antibody

SL9084R

<b>Product Name:</b>	FBXW12
<b>Chinese Name:</b>	FBXW12蛋白抗体
<b>Alias:</b>	F box and WD 40 domain containing protein 12; F box and WD 40 domain protein 12; F box and WD repeat domain containing 12; F box and WD40 repeat containing protein; F box only protein 35; F box/WD repeat containing protein 12; F-box and WD-40 domain-containing protein 12; F-box only protein 35; F-box/WD repeat-containing protein 12; Fbw12; FBW12_HUMAN; FBX12; FBXO12; FBXO35; FBXW 12; FBXW12.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (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>	53kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human FBXW12/FBXO35:101-200/464
<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>	Belonging to the F-box family of proteins, FBXO35 (F-box only protein 35), also

designated F-box and WD-40 domain-containing protein 12 (FBXW12 or FBXO12), is a 464 amino acid protein that contains one C-terminal F-box domain. F-box proteins are critical components of the SCF (Skp1-CUL-1-F-box protein)-type E3 ubiquitin ligase complex and are involved in substrate recognition and recruitment for ubiquitination. They are members of a larger family of proteins that are involved in the regulation of a wide variety of cellular mechanisms, including the cell cycle, the immune response, signaling cascades and developmental processes. They function by targeting proteins, such as cyclins, cyclin-dependent kinase inhibitors, I<sup>°</sup>B-å and ß-catenin, for degradation by the proteasome after ubiquitination. Via its F-box domain, FBXO35 can directly interact with Skp1 p19 and CUL-1. FBXO35 is ubiquitously expressed at low levels in most human tissues.

**Function:**

Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex (By similarity).

**Subunit:**

Directly interacts with SKP1 and CUL1

**Tissue Specificity:**

Ubiquitously expressed

**Similarity:**

Contains 1 F-box domain.

Contains 5 WD repeats.

**SWISS:**

Q6X9E4

**Gene ID:**

285231

**Database links:**

[Entrez Gene: 285231](#)Human

[Omim: 609075](#)Human

[SwissProt: Q6X9E4](#)Human

[Unigene: 288793](#)Human

**Important Note:**

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

