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Rabbit Anti-FBXW10 antibody

SL16054R

Product Name:	FBXW10
Chinese Name:	FBXW10蛋白抗体
Alias:	F-box and WD-40 domain-containing protein 10; F-box/WD repeat-containing protein 10; FBW10_HUMAN; FBXW10; Ubiquitin ligase-specificity factor.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,
Applications:	ELISA=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.
Molecular weight:	120kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FBXW10:41-140/1052
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	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 processes, including the cell cycle, immune responses, signaling cascades and developmental events, through the targeting of proteins, such as cyclins, cyclin-dependent kinase inhibitors, I˚B-å and ∫-catenin, for

proteasomal degradation. FBXW10 (F-box and WD repeat domain containing 10), also known as protein Ubiquitin ligase-specificity factor, is a 1,052 amino acid protein that contains one F-box domain and seven WD repeats. Existing as four alternatively spliced isoforms, FBXW10 induces degradation of CBX5 and CBX1.

Function:
Probable substrate-recognition component of a SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Overexpression is leading to degradation of CBX5 and CBX1.

Similarity:
Contains 1 F-box domain.
Contains 7 WD repeats.

SWISS:
Q5XX13

Gene ID:
10517

Database links:

Entrez Gene: 10517 Human

Omim: 611679 Human

SwissProt: Q5XX13 Human

Unigene: 592128 Human

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