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FBXW10 Rabbit pAb

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Catalog # AP56096

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q5XX13
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	119846
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FBXW10
Epitope Specificity	41-140/1052
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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-□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.

Additional Information

Gene ID	10517
Other Names	F-box/WD repeat-containing protein 10, F-box and WD-40 domain-containing protein 10, Ubiquitin ligase-specificity factor, FBXW10
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	FBXW10
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.

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.