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Fbx15 Rabbit pAb

Catalog # AP98870

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8NCQ5
Other Accession	Q8NCQ5
Reactivity	Rat
Predicted	Pig, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57258
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Fbx15
Epitope Specificity	101-200/510
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 F-box domain.
SUBUNIT	Directly interacts with SKP1 and CUL1 (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	FBXO15, also known as FBX15, is a 434 amino acid protein that contains one C-terminal F-box domain and belongs to the F-box family of proteins. 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 response, signaling cascades and developmental processes) through the targeting of proteins, such as cyclins, cyclin-dependent kinase inhibitors, IkB-a and b-catenin, for degradation by the proteasome after ubiquitination. Via its F-box domain, FBXO15 can directly interact with Skp1 p19 and CUL-1. In addition, FBXO15 is a target of the transcription factor Oct-3/4, however, it does not appear to be essential for early development and fertility.

Additional Information

Gene ID	201456
Other Names	FBX15; FBX15_HUMAN; FBXO15; F-box protein 15; F-box only protein 15
Dilution	IHC-P=1:100-500,IHC-F=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	FBXO15
Synonyms	FBX15
Function	Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex.

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