

FBXO33 Rabbit pAb

Catalog # AP98624

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q7Z6M2
Other Accession	Q7Z6M2
Host	Rabbit
Clonality	Polyclonal
Calculated MW	62630
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FBXO33
Epitope Specificity	331-430/555
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	Part of the SCF (SKP1-CUL1-F-box) E3 ubiquitin-protein ligase complex SCF(FBXO33) formed of CUL1, SKP1, RBX1 and FBXO33. Interacts via its N-terminus with YBX1 CSD domain. 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	Members of the F-box protein family, such as FBXO33, are characterized by an approximately 40-amino acid F-box motif. SCF complexes, formed by SKP1, cullin and F-box proteins act as protein-ubiquitin ligases and mediates the ubiquitination and subsequent proteasomal degradation of target proteins. FBXO33 probably recognizes and binds to phosphorylated target proteins.

Additional Information

Gene ID	254170
Other Names	BMND12; Fbx33; c14_5247; 5730501N20Rik; FBX33_HUMAN; FBXO33; FBX33_MOUSE; AIG30-12-1; F-box protein 33; F-box only protein 33
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	FBXO33
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Synonyms

FBX33

Function

Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. Probably recognizes and binds to phosphorylated target proteins. Recognizes YBX1 (By similarity).

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