

FBW1B Rabbit pAb

CatalogNo: YT6324

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 60kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human FBW1B AA range: 464-514

Specificity

This antibody detects endogenous levels of FBW1B at Human/Mouse

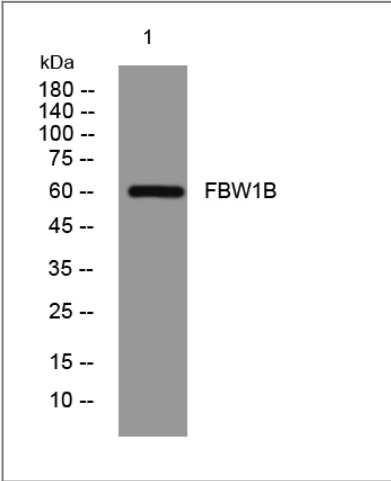
Target Information

Gene name

FBXW11 BTRCP2 FBW1B FBXW1B KIAA0696

Protein Name	FBW1B		
	Organism	Gene ID	UniProt ID
	Human	23291;	Q9UKB1;
	Mouse	103583;	Q5SRY7;
Cellular Localization	Cytoplasm . Nucleus .		
Function	<p>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. SCF(FBXW11) mediates the ubiquitination of CTNNB1 and participates in Wnt signaling. SCF(FBXW11) mediates the ubiquitination of NFKBIA, the degradation frees the associated NFKB1 to translocate into the nucleus and to activate transcription. SCF(FBXW11) mediates the ubiquitination of IFNAR1.,similarity:Contains 1 F-box domain.,similarity:Contains 7 WD repeats.,subunit:Self-associates. Component of the SCF(FBXW11) complex formed of CUL1, SKP1A, RBX1 and a FBXW11 dimer. Interacts with BTRC. Interacts with phosphorylated ubiquitination substrates CTNNB1, NFKBIA, IFNAR1; the interaction requires the phosphorylation of the two serine residues in the destruction motif D-S-G-X(2,3)-S.,</p>		

Validation Data



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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