

## RBX1 Antibody (C-term)

Catalog_no :	AB2893
Reactivity :	H, M
Category :	抗原抗体
Size :	100 $\mu$ L/50 $\mu$ L
Immunogen :	HUMAN
Specificity :	This RBX1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 74-108 amino acids from the C-terminal region of human RBX1.
Dilution :	WB,1:1000;WB,1:1000;WB,1:1000;IF,1:25;IHC-P,1:25;
Other_name :	E3 ubiquitin-protein ligase RBX1, 632-, Protein ZYP, RING finger protein 75, RING-box protein 1, Rbx1, Regulator of cullins 1, E3 ubiquitin-protein ligase RBX1, N-terminally processed, RBX1, RNF75, ROC1
Isotype :	Rabbit Ig
Background :	E3 ubiquitin ligase component of multiple cullin-RING- based E3 ubiquitin-protein ligase complexes which mediate the ubiquitination and subsequent proteasomal degradation of target proteins, including proteins involved in cell cycle progression, signal transduction, transcription and transcription-coupled nucleotide excision repair. The functional specificity of the E3 ubiquitin-protein ligase complexes depends on the variable substrate recognition components. As a component of the CSA complex promotes the ubiquitination of ERCC6 resulting in proteasomal degradation. Through the RING-type zinc finger, seems to recruit the E2 ubiquitination enzyme, like CDC34, to the complex and brings it into close proximity to the substrate. Probably also stimulates CDC34 autoubiquitination. May be required for histone H3 and histone H4 ubiquitination in response to ultraviolet and for subsequent DNA repair. Promotes the neddylation of CUL1, CUL2, CUL4 and CUL4 via its interaction with UBE2M. Involved in the ubiquitination of KEAP1, ENC1 and KLHL41. In concert with ATF2 and CUL3, promotes degradation of KAT5 thereby attenuating its ability to acetylate and activate ATM.
reference :	Ohta T.,et al.Mol. Cell 3:535-541(1999). Kamura T.,et al.Science 284:657-661(1999). Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004). Ota T.,et al.Nat. Genet. 36:40-45(2004). Dunham I.,et al.Nature 402:489-495(1999).