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anti-RBX1 antibody (AA 1-70)



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	N/P	r\/	i⊢₩

Quantity:	100 μL
Target:	RBX1
Binding Specificity:	AA 1-70
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RBX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ROC1/RNF75
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow
Purification:	Purified by Protein A.

Target Details

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Target:	RBX1

Target Details

Alternative Name:	RNF75 (RBX1 Products)	
Background:	Synonyms: E3 ubiquitin-protein ligase RBX1, MGC13357, MGC1481, Protein ZYP, Rbx 1, Rbx1,	
	RBX1_HUMAN, Regulator of Cullins 1, Ring box 1, RING box protein 1, RING finger protein 75,	
	RING finger protein, RING-box protein 1, Ringbox protein 1, RNF 75, RNF75, ROC 1, ZYP protein	
	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.	
Gene ID:	9978	
Pathways:	Cell Division Cycle, M Phase, SARS-CoV-2 Protein Interactome	
Application Details		
Application Notes:	WB 1:300-5000	
	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months