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## Datasheet for ABIN7091652 **anti-RBX1 antibody (AA 1-108)**

### Overview

Quantity:	100 µL
Target:	RBX1
Binding Specificity:	AA 1-108
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RBX1 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant human RBX1 between 1-108 amino acids.
Clone:	C8F22
Predicted Reactivity:	Human,Mouse

### Target Details

Target:	RBX1
Alternative Name:	RBX1 ( <a href="#">RBX1 Products</a> )
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, ROC1, ZYP protein.

## Target Details

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.

Gene ID: 9978

UniProt: [P62877](#)

Pathways: [Cell Division Cycle](#), [M Phase](#), [SARS-CoV-2 Protein Interactome](#)

## Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

## Handling

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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