

## RNF7 Rabbit pAb

Catalog No BYab-18672

**Isotype** IgG

Reactivity Human, Mouse

**Applications** WB

Gene Name RNF7 RBX2 ROC2 SAG

Protein Name RING-box protein 2 (Rbx2) (CKII beta-binding protein 1) (CKBBP1) (RING finger

protein 7) (Regulator of cullins 2) (Sensitive to apoptosis gene protein)

**Immunogen** Synthesized peptide derived from human RNF7

**Specificity** This antibody detects endogenous levels of RNF7 at Human, Mouse

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

Source

**Purification** The antibody was affinity-purified from rabbit antiserum by

affinity-chromatography using epitope-specific immunogen.

**Dilution** WB 1:500-2000

Concentration 1 mg/ml

Purity ≥90%

Storage Stability -20°C/1 year

**Synonyms** 

Observed Band 12kD

Cell Pathway Cytoplasm . Nucleus .

**Tissue Specificity** Expressed in heart, liver, skeletal muscle and pancreas. At very low levels

expressed in brain, placenta and lung.

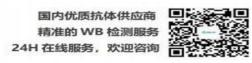
Function Probable component of the SCF (SKP1-CUL1-F-box protein) E3 ubiquitin ligase

complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription. CRLs complexes and ARIH1 collaborate in tandem to mediate ubiquitination of target proteins, ARIH1 mediating addition of the first ubiquitin on CRLs targets (By similarity). Through the RING-type zinc finger, seems to recruit the E2 ubiquitination enzyme to the complex and brings it into close proximity to the substrate. Promotes the neddylation of CUL5 via its interaction with UBE2F. May play a role in protecting cells from apoptosis induced

by redox agents.

**Background** 







matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.