

## RNF7

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:20 - 1:50

**Calculated MW:**13kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human RNF7

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

SAG; ROC2; CKBBP1;

**Catalog #:**A7301

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**9616

**Isotype:**IgG

**Swiss Prot:**Q9UBF6

**Purity:**Affinity purification

For research use only.

**Background:**

The protein encoded by this gene is a highly conserved ring finger protein. It is an essential subunit of SKP1-cullin/CDC53-F box protein ubiquitin ligases, which are a part of the protein degradation machinery important for cell cycle progression and signal transduction. This protein interacts with, and is a substrate of, casein kinase II (CSNK2A1/CKII). The phosphorylation of this protein by CSNK2A1 has been shown to promote the degradation of I $\kappa$ B $\alpha$  (CHUK/IKK- $\alpha$ /IKBKA) and p27Kip1 (CDKN1B). Alternatively spliced transcript variants encoding distinct isoforms have been reported.

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