

**RNF7 Antibody (Internal)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS15583****Specification**

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**RNF7 Antibody (Internal) - Product Information**

Application	WB
Primary Accession	<a href="#">Q9UBF6</a>
Reactivity	Human, Mouse, Rat, Zebrafish, Monkey, Pig, Chicken, Horse, Xenopus, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	13kDa KDa

**RNF7 Antibody (Internal) - Additional Information****Gene ID** 9616**Other Names**

RING-box protein 2, Rbx2, CKII beta-binding protein 1, CKBBP1, RING finger protein 7, Regulator of cullins 2, Sensitive to apoptosis gene protein, RNF7, RBX2, ROC2, SAG

**Target/Specificity**

Human RNF7. This antibody is expected to recognize isoform 1 (NP\_055060.1).

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

RNF7 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

**RNF7 Antibody (Internal) - Protein Information****Name** RNF7**Synonyms** RBX2, ROC2, SAG**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 (PubMed:<a href="http://www.uniprot.org/citations/10851089" target="\_blank">10851089</a>). 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.

**Cellular Location**

Cytoplasm. Nucleus

**Tissue Location**

Expressed in heart, liver, skeletal muscle and pancreas. At very low levels expressed in brain, placenta and lung

**RNF7 Antibody (Internal) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**RNF7 Antibody (Internal) - Images**

RNF7 antibody (1 ug/ml) staining of Human Heart lysate (35 ug protein in RIPA buffer).

**RNF7 Antibody (Internal) - Background**

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. 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.

**RNF7 Antibody (Internal) - References**

Son M.-Y., et al. Biochem. Biophys. Res. Commun. 263:743-748(1999).  
Ohta T., et al. Mol. Cell 3:535-541(1999).  
Duan H., et al. Mol. Cell. Biol. 19:3145-3155(1999).  
Swaroop M., et al. DNA Cell Biol. 20:425-434(2001).  
Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

