ARG65068
anti-RNF7 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes RNF7
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize isoform 1 (NP_055060.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	RNF7
Species	Human
Immunogen	DACLRCQAENKQE
Conjugation	Un-conjugated
Alternate Names	RING finger protein 7; Regulator of cullins 2; Sensitive to apoptosis gene protein; SAG; ROC2; RING-box protein 2; CKII beta-binding protein 1; CKBBP1; Rbx2

Application Instructions

Application table

Application	Dilution
IHC-P	5 µg/ml
WB	1 - 3 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

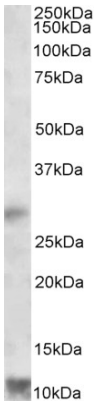
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

	freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

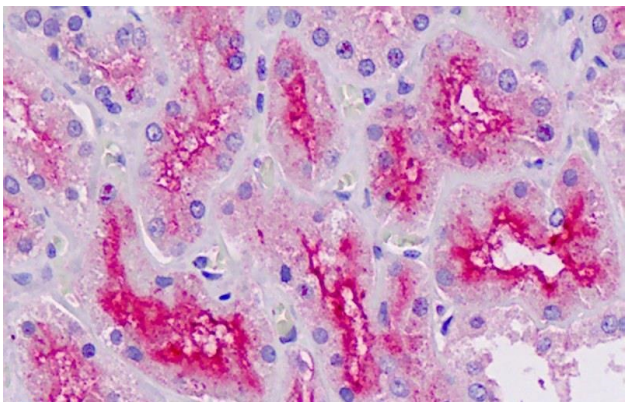
Database links	GeneID: 9616 Human Swiss-port # Q9UBF6 Human
Background	The protein encoded by this gene is a highly conserved ring finger protein. It is an essential subunit of SKP1-cullin/CDC53-F box protein ubiquitin ligases, which are a part of the protein degradation machinery important for cell 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 IkappaBalpha (CHUK/IKK-alpha/IKBKA) and p27Kip1(CDKN1B). Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody; Cell Death antibody; Gene Regulation antibody; Metabolism antibody
Calculated Mw	13 kDa
PTM	Phosphorylation by CK2 is required for efficient degradation of NFKBIA and CDKN1B.

Images



ARG65068 anti-RNF7 antibody WB image

Western Blot: Human Heart lysate (35 µg protein in RIPA buffer) stained with ARG65068 anti-RNF7 antibody at 1 µg/ml dilution.



ARG65068 anti-RNF7 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human kidney tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG65068 anti-RNF7 antibody at 5 µg/ml dilution followed by AP-staining.