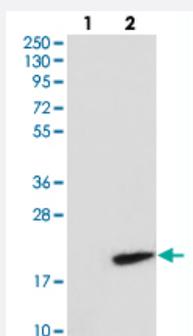


RNF7 polyclonal antibody

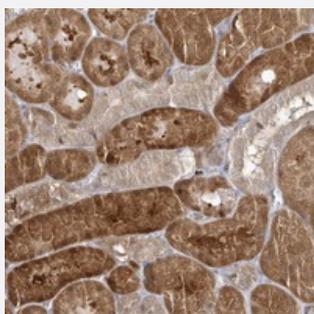
Catalog # PAB23094 Size 100 uL

Applications



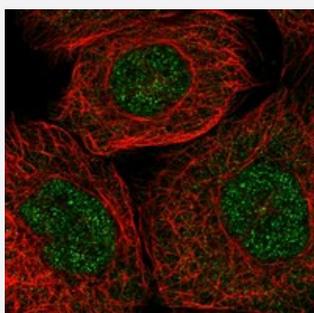
Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with RNF7 polyclonal antibody (Cat # PAB23094) at 1:250-1:500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney with RNF7 polyclonal antibody (Cat # PAB23094) shows strong cytoplasmic positivity in cells in tubules at 1:20-1:50 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with RNF7 polyclonal antibody (Cat # PAB23094) at 1-4 ug/mL dilution shows positivity in nucleus but not nucleoli.

Specification

Product Description

Rabbit polyclonal antibody raised against recombinant RNF7.

Immunogen

Recombinant protein corresponding to amino acids of human RNF7.

Sequence	SLKKWNAVAMWSWDVECDTCAICRVQVMDACLRCQAENKQEDCVVVWGE CNHSFHNCCMS LWVKQNNRCP LCQQDWVVRIGK
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:20-1:50) Western Blot (1:250-1:500) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — RNF7

Entrez GeneID

[9616](#)

Protein Accession#	Q9UBF6
Gene Name	RNF7
Gene Alias	CKBBP1, ROC2, SAG
Gene Description	ring finger protein 7
Omim ID	603863
Gene Ontology	Hyperlink
Gene Summary	<p>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 IκBα (CHUK/IκBα/IKKα/IKKβ) and p27Kip1(CDKN1B). Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000180645 regulator of cullins 2 sensitive to apoptosis, zinc RING finger protein SAG, regulator of cullins 2 zinc RING finger protein SAG

Pathway

- [Ubiquitin mediated proteolysis](#)