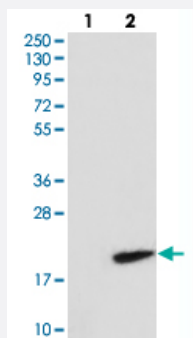


# RNF7 polyclonal antibody

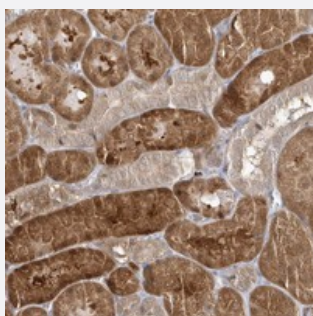
Catalog # PAB23094      Size 100 uL

## Applications



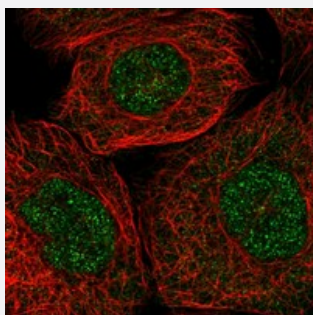
### Western Blot (Transfected lysate)

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 LWKQNNRCPLCQQDWVVRIGK
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

- Western Blot (Transfected lysate)

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## Gene Info — RNF7

Entrez GeneID [9616](#)

Protein Accession#	<a href="#">Q9UBF6</a>
Gene Name	RNF7
Gene Alias	CKBBP1, ROC2, SAG
Gene Description	ring finger protein 7
Omim ID	<a href="#">603863</a>
Gene Ontology	<a href="#">Hyperlink</a>
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 IκappaBα (CHUK/IKK-α/IKBK A) 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](#)