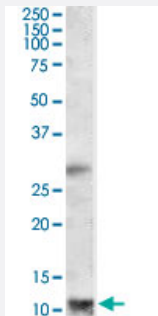


RNF7 polyclonal antibody

Catalog # PAB17858 Size 100 ug

Applications



Western Blot (Tissue lysate)

RNF7 polyclonal antibody (Cat # PAB17858) (1 ug/mL) staining of human heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of RNF7.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human RNF7.
Sequence	DACLRCQAENKQE
Host	Goat
Theoretical MW (kDa)	12.7, 9.64
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:8000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

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 (Tissue lysate)

RNF7 polyclonal antibody (Cat # PAB17858) (1 ug/mL) staining of human heart lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — RNF7

Entrez GeneID[9616](#)**Protein Accession#**[NP_055060.1](#)**Gene Name**

RNF7

Gene Alias

CKBBP1, ROC2, SAG

Gene Description

ring finger protein 7

Omim ID[603863](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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/IKK-α/IKBK A) and p27Kip1 (CDKN1B). Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

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](#)