

Recombinant Human RBCK1 293 Cell Lysate

Cat. No. RBCK1-2487HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for RanBP-type and C3HC4-type zinc finger containing 1 (RBCK1), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

[RBCK1 RanBP-type and C3HC4-type zinc finger containing 1 \[Homo sapiens \]](#)

Official Symbol

RBCK1

Synonyms

RBCK1; RanBP-type and C3HC4-type zinc finger containing 1; C20orf18, chromosome 20 open reading frame 18; ranBP-type and C3HC4-type zinc finger-containing protein 1; RBCK2; RNF54; UBCE7IP3; XAP4; ZRANB4; RING finger protein 54; HBV associated factor 4; HBV-associated factor 4; RBCC protein interacting with PKC1; heme-oxidized IRP2 ubiquitin ligase 1; hepatitis B virus X-associated protein 4; ubiquitin conjugating enzyme 7 interacting protein 3; ubiquitin-conjugating enzyme 7-interacting protein 3; XAP3; HOIL1; HOIL-1; C20orf18;

Gene ID

[10616](#)

mRNA Refseq

[NM_006462](#)

Protein Refseq

[NP_006453](#)

MIM

[610924](#)

UniProt ID

[Q9BYM8](#)

**Chromosome
Location**

20p13

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Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem;
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Function	DNA binding; ligase activity; metal ion binding; protein binding; protein kinase C binding; NOT sequence-specific DNA binding transcription factor activity; ubiquitin binding; ubiquitin-protein ligase activity; zinc ion binding;
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