

Recombinant Human RCBTB2 293 Cell Lysate

Cat. No. RCBTB2-2446HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 2 (RCBTB2) 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.

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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

RCBTB2 regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 2 [Homo sapiens]

Official Symbol

RCBTB2

Synonyms

RCBTB2; regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 2; CHC1L, chromosome condensation 1 like; RCC1 and BTB domain-containing protein 2; CHC1-L; RCC1-like G exchanging factor RLG; regulator of chromosome condensation and BTB domain containing protein 2; regulator of chromosome condensation and BTB domain-containing protein 2; CHC1L;

Gene ID

1102

mRNA Refseq

NM_001268

Protein Refseq

NP_001259

MIM

603524

UniProt ID

O95199

Chromosome Location

13q14.3

Function

Ran guanyl-nucleotide exchange factor activity;

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