

For Research Use Only

# RIOK2 Polyclonal antibody

Catalog Number: 17410-1-AP



## Basic Information

**Catalog Number:**

17410-1-AP

**Size:**

150ul , Concentration: 850 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG9975

**GenBank Accession Number:**

BC000953

**GeneID (NCBI):**

55781

**UNIPROT ID:**

Q9BVS4

**Full Name:**

RIO kinase 2 (yeast)

**Calculated MW:**

63 kDa

**Observed MW:**

63 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:2000-1:16000

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : Caco-2 cells, HCT 116 cells

IF/ICC : U2OS cells,

## Background Information

Rio-kinase 2 (RIOK2) is an atypical serine-threonine kinase that participates in the nuclear export and maturation steps of the pre-40S ribosomal complex to facilitate cytoplasmic translation. RIOK2 binds the pre-40S subunit and promotes its nuclear export by interaction with the CRM1 chaperone protein (PMID: 36661680, 28499923).

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

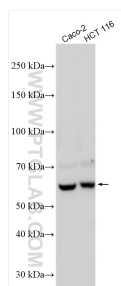
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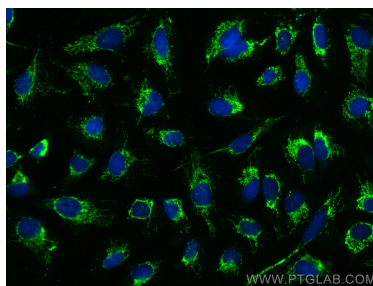
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17410-1-AP (ROK2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using ROK2 antibody (17410-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).