

For Research Use Only

# RIOK2 Polyclonal antibody

Catalog Number: 17410-1-AP



## Basic Information

<b>Catalog Number:</b> 17410-1-AP	<b>GenBank Accession Number:</b> BC000953	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 113 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 55781	<b>Recommended Dilutions:</b> WB 1:2000-1:16000
<b>Source:</b> Rabbit	<b>Full Name:</b> RIO kinase 2 (yeast)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 63 kDa	
<b>Immunogen Catalog Number:</b> AG9975		

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Caco-2 cells, HCT 116 cells
<b>Species Specificity:</b> human, mouse, rat	

## 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

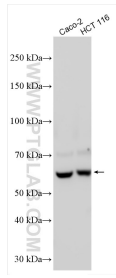
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17410-1-AP (R10K2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.