

For Research Use Only

RIOK1 Recombinant antibody

Catalog Number: 85668-5-RR



Basic Information

Catalog Number:

85668-5-RR

Concentration:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11057

GenBank Accession Number:

BC006104

GeneID (NCBI):

83732

UNIPROT ID:

Q9BRS2

Full Name:

RIO kinase 1 (yeast)

Calculated MW:

568 aa, 66 kDa

Observed MW:

75-80 kDa

Purification Method:

Protein A purification

CloneNo.:

243091H7

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HepG2 cells, HEK-293 cells

Background Information

RIOK1 (RIO Kinase 1) is a protein-coding gene located on chromosome 6 in humans. It encodes a serine/threonine-protein kinase that belongs to the RIO family of atypical protein kinases/ATPases. This family also includes RIOK2, RIOK3, and RIOB, which have evolved from Archaea to humans. RIOK1 is best known for its role in ribosome biogenesis and its involvement in various cellular processes, including translation regulation and cell-cycle progression. (PMID: 37301535, PMID: 37935656)

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

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

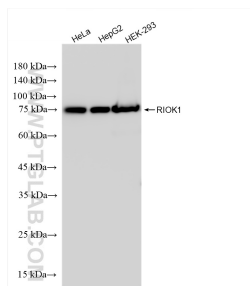
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85668-5-RR (RIOK1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.