

For Research Use Only

RIOK1 Recombinant antibody, PBS Only

Catalog Number: 85668-5-PBS



Basic Information

Catalog Number:

85668-5-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS only

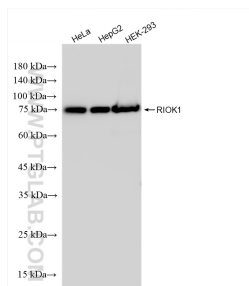
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85668-5-RR (RIOK1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85668-5-PBS in a different storage buffer formulation.