

For Research Use Only

RIOK1 Recombinant antibody

Catalog Number: 85668-5-RR



Basic Information

Catalog Number: 85668-5-RR	GenBank Accession Number: BC006104	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 83732	CloneNo.: 243091H7
Source: Rabbit	UNIPROT ID: Q9BRS2	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: RIO kinase 1 (yeast)	
Immunogen Catalog Number: AG11057	Calculated MW: 568 aa, 66 kDa	
	Observed MW: 75-80 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HepG2 cells, HEK-293 cells
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

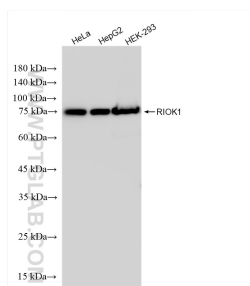
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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.