

For Research Use Only

Phospho-TBK1 (Ser172) Recombinant antibody

Catalog Number: 82382-2-RR



Basic Information

Catalog Number: 82382-2-RR	GenBank Accession Number: BC034950	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 29110	CloneNo.: 241787G12
Source: Rabbit	UNIPROT ID: Q9UHD2	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG	Full Name: TANK-binding kinase 1	
	Observed MW: 84 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Calyculin A treated HeLa cells,
Species Specificity: human	

Background Information

The serine/threonine protein kinase TBK1, discovered two decades ago as a member of the I κ B kinase (IKK) protein kinase family, plays crucial roles in regulating innate immune response by promoting type I interferon (IFN) and modulating NF- κ B signaling. The phosphorylation of Ser172 residue on TBK1 is critical and is commonly used as an indicator for its activity. (PMID: 39279883)

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

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

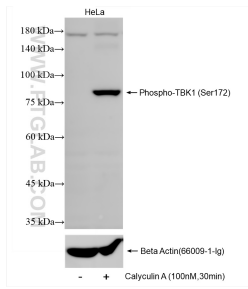
T: 4006900926

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



Non-treated and Calyculin A treated HeLa cells were subjected to SDS PAGE followed by western blot with 82382-2-RR (Phospho-TBK1 (Ser172) antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Beta Actin (66009-1-Ig) antibody as a loading control.