

For Research Use Only

Phospho-TBK1 (Ser172) Recombinant antibody, PBS Only

Catalog Number: 82382-2-PBS



Basic Information

Catalog Number: 82382-2-PBS	GenBank Accession Number: BC034950	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 29110	CloneNo.: 241787G12
Source: Rabbit	UNIPROT ID: Q9UHD2	
Isotype: IgG	Full Name: TANK-binding kinase 1	
	Observed MW: 84 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

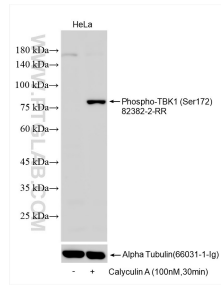
For technical support and original validation data for this product please contact:

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Selected Validation Data



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 Alpha Tubulin (66031-1-Ig) antibody as a loading control. This data was developed using the same antibody clone with 82382-2-PBS in a different storage buffer formulation.