

For Research Use Only

Phospho-TBK1 (Ser172) Recombinant antibody

Catalog Number: 82383-1-RR

6 Publications



Basic Information

Catalog Number:

82383-1-RR

Size:

1000 μ g/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC034950

GeneID (NCBI):

29110

UNIPROT ID:

Q9UHD2

Full Name:

TANK-binding kinase 1

Observed MW:

84 kDa

Purification Method:

Protein A purification

CloneNo.:

2K2

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

Human

Cited Species:

human, mouse, pig

Positive Controls:

WB : Calyculin A treated HeLa cells,

Background Information

TBK1, also named as tumor necrosis factor (TNF) receptor-associated factor NF- κ B activator (TANK)-binding kinase 1 (TBK1), NF- κ B-activating kinase (NAK), T2K, is a multimeric kinase that modulates inflammation and autophagy. It is a ubiquitously expressed serine-threonine kinase belonging to the 'noncanonical I κ B kinases' (IKKs) recognized for its critical role in regulating type I IFN production (PMID: 27211305). And TBK1 is an important player in yet another critical cellular function, autophagy.

Notable Publications

Author	Pubmed ID	Journal	Application
Wenjie Fan	39631580	Int J Biol Macromol	WB
Yuan Zhao	39212384	J Virol	WB
Hui Qi	38922702	Br J Pharmacol	WB

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:

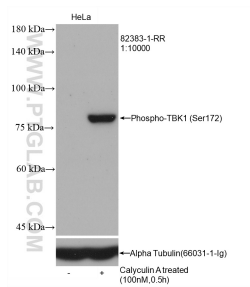
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W: ptgcn.com

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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 82383-1-RR (Phospho-TBK1 (Ser172) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Alpha Tubulin antibody as loading control.