

For Research Use Only

# TBK1 Recombinant antibody

Catalog Number: 83686-3-RR



## Basic Information

Catalog Number:

83686-3-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28894

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.:

240769G5

Recommended Dilutions:

WB 1:1000-1:8000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : 4T1 cells, HCT 116 cells, HeLa cells, C6 cells, HSC-T6 cells, RAW 264.7 cells, mouse kidney tissue, HepG2 cells, HEK-293 cells, Jurkat cells, NIH/3T3 cells

## Background Information

TBK1, also named as tumor necrosis factor (TNF) receptor-associated factor NF- $\kappa$ B activator (TANK)-binding kinase 1 (TBK1), NF- $\kappa$ 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 $\kappa$ 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. This antibody is specific for TBK1.

## 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:

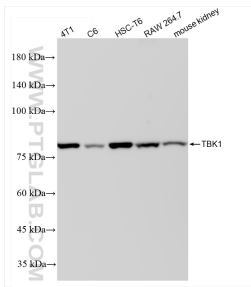
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

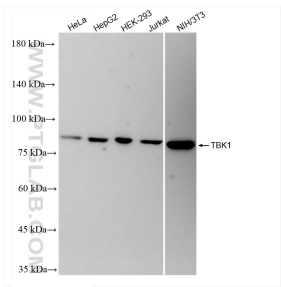
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83686-3-RR (TBK1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 83686-3-RR (TBK1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.