TBK1 Recombinant antibody

Catalog Number:83686-3-RR

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number: 83686-3-RR	**GenBank Accession Number:** BC034950	**Purification Method:** Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	**GeneID (NCBI):** 29110	**CloneNo.:** 240769G5
Source: Rabbit	**UNIPROT ID:** Q9UHD2	**Recommended Dilutions:** WB 1:1000-1:8000
Isotype: IgG	**Full Name:** TANK-binding kinase 1	
Immunogen Catalog Number: AG28894	**Observed MW:** 84 kDa	

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-kB activator (TANK)-binding kinase 1 (TBK1), NF-kB-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 IkB 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.
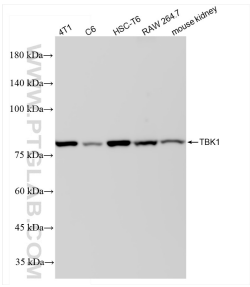
Storage

Storage:
Store at -20℃. 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
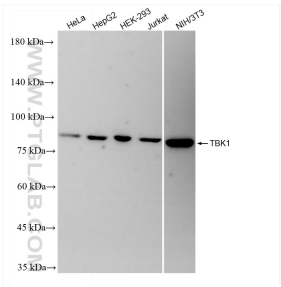
*** 20ul sizes contain 0.1% BSA

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.