

For Research Use Only

TBK1 Monoclonal antibody, PBS Only

Catalog Number: 67211-1-PBS

Featured Product



Basic Information

Catalog Number:

67211-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2b

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.:

2D7B1

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, rat

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. This antibody is specific for TBK1.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

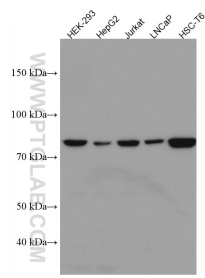
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

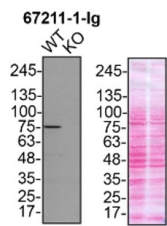
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67211-1-Ig (TBK1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67211-1-PBS in a different storage buffer formulation.



U2OS (WT and TBK1 KO) lysates prepared with RIPA buffer, 50 µg protein loaded. 67211-1-Ig incubated at 1:5000 at 4°C overnight in 5% BSA in TBST. Ponceau stained transfers shown on right. Data provided by YCharOS, an open science company with a mission to validate commercial antibodies to improve scientific reproducibility and transparency. This data was developed using the same antibody clone with 67211-1-PBS in a different storage buffer formulation.