

For Research Use Only

# TTBK2 Recombinant antibody, PBS Only

Catalog Number: 84634-1-PBS



## Basic Information

**Catalog Number:**

84634-1-PBS

**Size:**

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

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG7108

**GenBank Accession Number:**

BC071556

**GeneID (NCBI):**

146057

**UNIPROT ID:**

Q6IQ55

**Full Name:**

tau tubulin kinase 2

**Calculated MW:**

137 kDa

**Observed MW:**

137-150 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

241456B4

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human

## Background Information

TTBK2(tau tubulin kinase 2) plays an important role in the tau cascade and in spinocerebellar degeneration. The N-terminus of TTBK2 has a serine-threonine-tyrosine kinase domain, and a C-terminal region shows homology to TTBK1. TTBK1 and TTBK2 function as regulators of TDP-43 phosphorylation. TTBK1/2 may be attractive drug targets for therapeutic interventions in TDP-43 proteinopathies such as FTLD-TDP and ALS.(PMID:25473830).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS Only

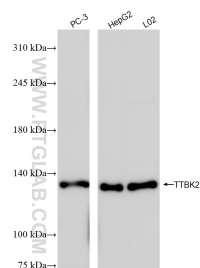
For technical support and original validation data for this product please contact:

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

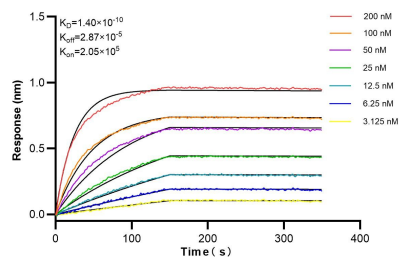
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84634-1-RR (TTBK2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84634-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84634-1-RR against Human TTBK2 were performed. The affinity constant is 0.14 nM.