

For Research Use Only

TTBK2 Recombinant antibody, PBS Only

Catalog Number: 84634-1-PBS



Basic Information

Catalog Number:

84634-1-PBS

Size:

1 mg/ml

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

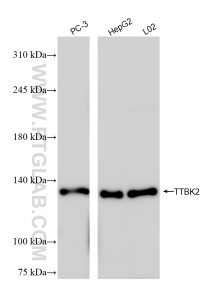
T: 4006900926

E: Proteintech-CN@ptglab.com

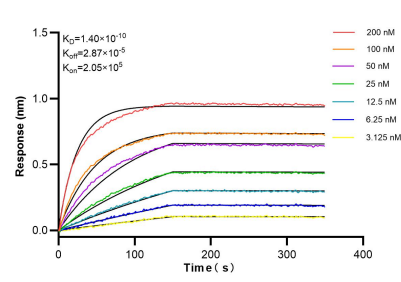
W: ptgcn.com

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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.