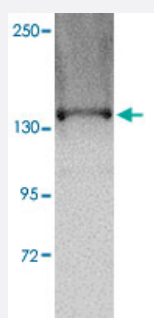


TTBK1 polyclonal antibody

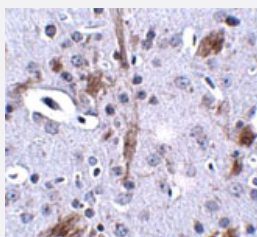
Catalog # PAB16697 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of TTBK1 in Jurkat cell lysate with TTBK1 polyclonal antibody (Cat # PAB16697) at 1 ug/mL .



Immunohistochemistry

Immunohistochemical staining of mouse brain tissue with 2.5 ug/mL TTBK1 polyclonal antibody (Cat # PAB16697).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TTBK1.
Immunogen	A synthetic peptide corresponding to C-terminus 16 amino acids of human TTBK1.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of TTBK1 in Jurkat cell lysate with TTBK1 polyclonal antibody (Cat # PAB16697) at 1 ug/mL .

- Immunohistochemistry

Immunohistochemical staining of mouse brain tissue with 2.5 ug/mL TTBK1 polyclonal antibody (Cat # PAB16697).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — TTBK1

Entrez GeneID	84630
Protein Accession#	Q5TCY1
Gene Name	TTBK1
Gene Alias	BDTK, KIAA1855, RP3-330M21.4
Gene Description	tau tubulin kinase 1
Gene Ontology	Hyperlink
Other Designations	brain-derived tau kinase

Publication Reference

- [Spatial learning impairment, enhanced CDK5/p35 activity, and downregulation of NMDA receptor expression in transgenic mice expressing tau-tubulin kinase 1.](#)

Sato S, Xu J, Okuyama S, Martinez LB, Walsh SM, Jacobsen MT, Swan RJ, Schlautman JD, Ciborowski P, Ikezu T.

Journal of Neuroscience 2008 Dec; 28(53):14511.

- [Tau-tubulin kinase 1 \(TTBK1\), a neuron-specific tau kinase candidate, is involved in tau phosphorylation and aggregation.](#)

Sato S, Cerny RL, Buescher JL, Ikezu T.

Journal of Neurochemistry 2006 Sep; 98(5):1573.

Application: WB-Tr, Monkey, COS-7, HEK 293 cells