

TTBK1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13734**Specification**

TTBK1 Antibody (C-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	Q5TCY1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	143kDa KDa

TTBK1 Antibody (C-Terminus) - Additional Information**Gene ID** 84630**Other Names**

Tau-tubulin kinase 1, 2.7.11.1, Brain-derived tau kinase, TTBK1, BDTK, KIAA1855

Target/Specificity

Human TTBK1

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

TTBK1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

TTBK1 Antibody (C-Terminus) - Protein Information**Name** TTBK1**Synonyms** BDTK, KIAA1855**Function**

Serine/threonine kinase which is able to phosphorylate TAU on serine, threonine and tyrosine residues. Induces aggregation of TAU.

Cellular Location

Cytoplasm.

Tissue Location

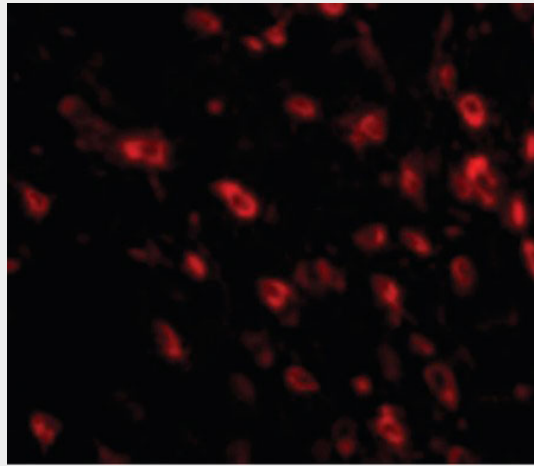
Expressed in the brain, particularly in cortical and hippocampal neurons. Weakly expressed in spinal cord and testis. No expression in adipose tissue, bladder, cervix, colon, esophagus, heart, kidney, liver, lung, ovary, placenta, prostate, skeletal muscle, small intestine, spleen, testis, thymus, thyroid or trachea

TTBK1 Antibody (C-Terminus) - Protocols

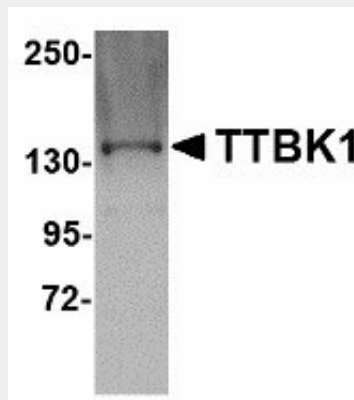
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

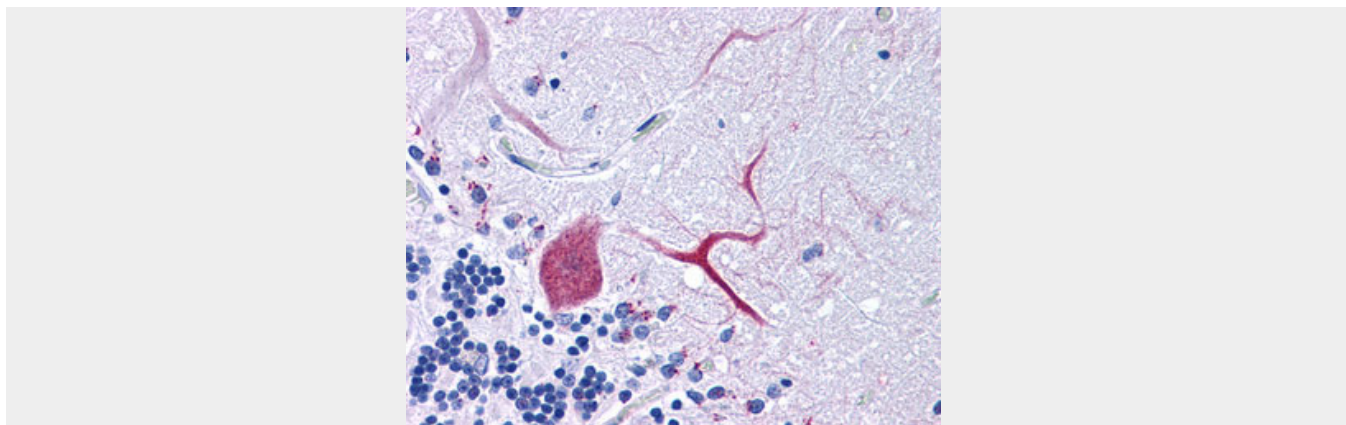
TTBK1 Antibody (C-Terminus) - Images



Immunofluorescence of TTBK1 in Human Brain cells with TTBK1 antibody at 20 ug/ml.



Western blot of TTBK1 in Jurkat lysate with TTBK1 antibody at 1 ug/ml.



Anti-TTBK1 antibody IHC of human brain, cerebellum.

TTBK1 Antibody (C-Terminus) - Background

Serine/threonine kinase which is able to phosphorylate TAU on serine, threonine and tyrosine residues. Induces aggregation of TAU.

TTBK1 Antibody (C-Terminus) - References

- Sato S.,et al.J. Neurochem. 98:1573-1584(2006).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Mungall A.J.,et al.Nature 425:805-811(2003).
- Nagase T.,et al.DNA Res. 8:85-95(2001).
- Greenman C.,et al.Nature 446:153-158(2007).