

TTBK1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP4947a**Specification**

TTBK1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q5TCY1](#)**TTBK1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 84630**Other Names**

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TTBK1 Antibody (N-term) Blocking Peptide - 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 (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TTBK1 Antibody (N-term) Blocking Peptide - Images

TTBK1 Antibody (N-term) Blocking Peptide - Background

TTBK1 is Serine/threonine kinase which is able to phosphorylate TAU on serine, threonine and tyrosine residues. Induces aggregation of TAU.

TTBK1 Antibody (N-term) Blocking Peptide - References

Sato, S., et al. J. Neurosci. 28(53):14511-14521(2008)Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)
Mungall, A.J., et al. Nature 425(6960):805-811(2003)