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TTBK1 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP20009c

Specification

TTBK1 Blocking Peptide (Center) - Product Information

Primary Accession	Q5TCY1
Other Accession	NP_115927.1

TTBK1 Blocking Peptide (Center) - Additional Information

Gene ID 84630

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

Target/Specificity
The synthetic peptide sequence is selected from aa 682-695 of HUMAN TTBK1

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 Blocking Peptide (Center) - 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

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TTBK1 Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

TTBK1 Blocking Peptide (Center) - Images

TTBK1 Blocking Peptide (Center) - Background

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

TTBK1 Blocking Peptide (Center) - References

Vazquez-Higuera, J.L., et al. Neurobiol. Aging (2010) In press :
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)
Takahashi, M., et al. FEBS Lett. 372(1):59-64(1995)