

兔抗 TTBK1 多克隆抗体

中文名称:	兔抗 TTBK1 多克隆抗体
英文名称:	Anti-TTBK1 rabbit polyclonal antibody
别名:	BDTK
相关类别:	一抗
储存:	冷冻 (-20℃)
宿主:	Rabbit
抗原:	TTBK1
反应种属:	Human
标记物:	Unconjugate
克隆类型:	rabbit polyclonal

技术规格

Background:	TTBK1 (tau tubulin kinase 1), also known as BDTK (brain-derived tau kinase), is a 1,321 amino acid protein that contains one protein kinase domain and belongs to the serine/threonine protein kinase family. Localized to the cytoplasm and expressed at high levels in brain and at lower levels in testis and spinal cord, TTBK1 functions as a serine/threonine kinase that can phosphorylate Tau (a protein involved in tubulin polymerization) on threonine, tyrosine and serine residues. Specifically, TTBK1 uses divalent cations, such as magnesium and manganese, to catalyze the ATP-dependent transfer of a phosphate group onto Tau, creating a phosphoprotein and ADP. Phosphorylation of Tau causes its aggregation and subsequent loss of function, suggesting an important role for TTBK1 in the control of tubulin dynamics.
Applications:	ELISA, IHC

Name of antibody:	TTBK1
Immunogen:	Synthetic peptide of humanTTBK1
Full name:	tau tubulin kinase 1
Synonyms :	BDTK
SwissProt:	Q5TCY1
ELISA Recommended dilution:	2000-5000
IHC positive control:	Human breast cancer and Human brain
IHC Recommend dilution:	25-100

