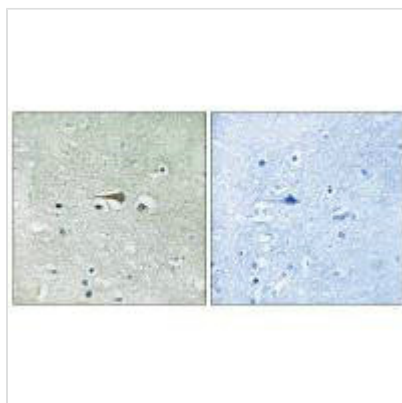




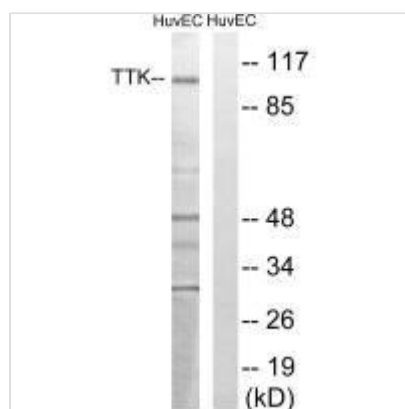
TTK (Ab-676) Antibody

Product Code	CSB-PA586001
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P33981
Immunogen	Synthesized non-phosphopeptide derived from Human TTK around the phosphorylation site of threonine 676 (D-T-T(p)-S-V).
Raised In	Rabbit
Species Reactivity	Human, Mouse
Specificity	The antibody detects endogenous levels of total TTK protein.
Tested Applications	ELISA, WB, IHC; WB: 1:500-1:3000, IHC: 1:50-1:100
Relevance	Phosphorylates proteins on serine, threonine, and tyrosine. Probably associated with cell proliferation. Essential for chromosome alignment by enhancing AURKB activity (via direct CDCA8 phosphorylation) at the centromere, and for the mitotic checkpoint. Mills G.B., J. Biol. Chem. 267:16000-16006(1992). Ota T., Nat. Genet. 36:40-45(2004). Mungall A.J., Nature 425:805-811(2003)
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	dual specificity protein kinase TTK; EC 2.7.12.1; Esk1; Mps1; MPS1L1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	TTK

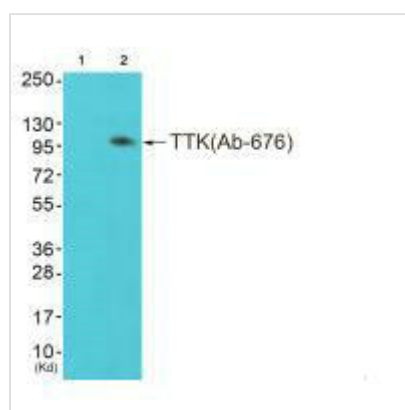
Image



Immunohistochemistry analysis of paraffin-embedded human brain tissue using TTK (Ab-676) antibody.



Western blot analysis of extracts from HUVEC cells, treated with etoposide (25uM, 24hours), using TTK (Ab-676) antibody.



Western blot analysis of extracts from colo cells (Lane 2), using TTK (Ab-676) antibody. The lane on the left is treated with synthesized peptide.