

Rabbit anti-Human, mouse TTBK1 Polyclonal Antibody | anti-TTBK1 antibody

TTBK1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286371	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

TTBK1; Polyclonal Antibody; TTBK1 Antibody (N-term); Tau-tubulin kinase 1; Brain-derived tau kinase; BDTK; KIAA1855; anti-TTBK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TTBK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 230-258 amino acids from the N-terminal region of human TTBK1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.47 (varies by lot)
Sequence Positions	230-258
Sequence Length	1321
Applicable Applications for anti-TTBK1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

TTBK1 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TTBK1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of TTBK1 Antibody (N-term) in mouse testis tissue lysates (35ug/lane). TTBK1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-TTBK1 antibody	TTBK1 is Serine/threonine kinase which is able to phosphorylate TAU on serine, threonine and tyrosine residues. Induces aggregation of TAU.
Product Categories/Family for anti-TTBK1 antibody	Cancer; Neuroscience; Signal transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	58761548
NCBI GeneID	84630
NCBI Accession #	NP_115927.1
NCBI GenBank Nucleotide #	NM_032538.1
UniProt Accession #	Q5TCY1; Q2L6C6; Q6ZNH0; Q8N444; Q96JH2; A2A2U5
Molecular Weight	142737
NCBI Official Full Name	tau-tubulin kinase 1
NCBI Official Synonym Full Names	tau tubulin kinase 1
NCBI Official Symbol	TTBK1
NCBI Official Synonym Symbols	BDTK
NCBI Protein Information	tau-tubulin kinase 1
UniProt Protein Name	Tau-tubulin kinase 1
UniProt Gene Name	TTBK1
UniProt Synonym Gene Names	BDTK; KIAA1855
UniProt Entry Name	TTBK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ttbk1-antibody-immunohistochemistry-western-blot-elisa/286371>