

Product datasheet for **AP54392PU-N**

Tau tubulin kinase 2 (TTBK2) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:100~500. Immunohistochemistry on paraffin sections: 1:10~50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 224-253 amino acids from the N-terminal region of human TTBK2
Specificity:	This antibody detects TTBK2 (N-term).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tau tubulin kinase 2
Database Link:	Entrez Gene 146057 Human Q6IQ55
Background:	This gene encodes a serine-threonine kinase that putatively phosphorylates tau and tubulin proteins. Mutations in this gene cause spinocerebellar ataxia type 11 (SCA11); a neurodegenerative disease characterized by progressive ataxia and atrophy of the cerebellum and brainstem.



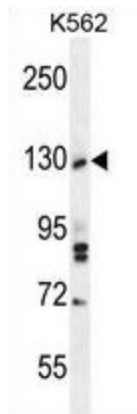
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Synonyms: Tau-tubulin kinase 2, KIAA0847

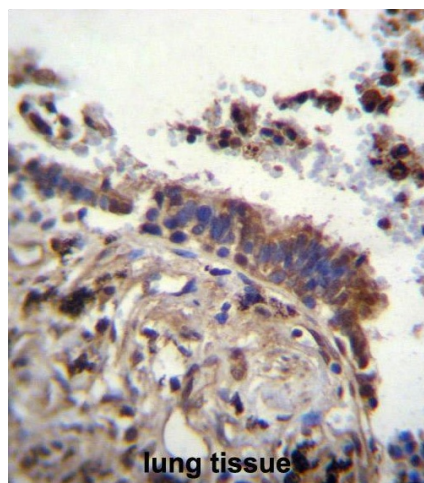
Note: **Molecular Weight:** 137412 Da

Protein Families: Druggable Genome, Protein Kinase

Product images:



TTBK2 Antibody (N-term) western blot analysis in K562 cell line lysates (35 ug/lane). This demonstrates the TTBK2 antibody detected the TTBK2 protein (arrow).



TTBK2 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TTBK2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.