

Product datasheet for **TA326601**

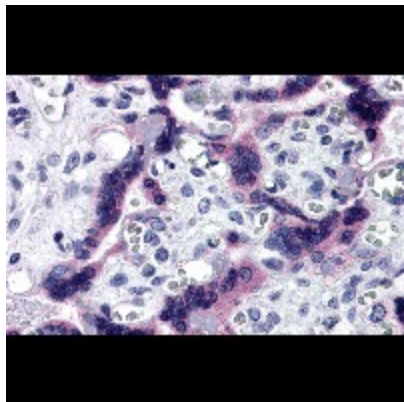
Tau tubulin kinase 2 (TTBK2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 5 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TTBK2 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human TTBK2.
Formulation:	TTBK2 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	TTBK2 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tau tubulin kinase 2
Database Link:	AAH71556 Entrez Gene 146057 Human Q6IQ55
Background:	TTBK2 Antibody: Tau tubulin kinase (TTBK2) is a serine/threonine kinase whose substrates are thought to include the tau and tubulin proteins. Mutations in the TTBK2 gene cause spinocerebellar ataxia type 11 (SCA11), a neurodegenerative disease characterized by progressive ataxia and atrophy of the cerebellum and brainstem. Recent studies have shown that increased levels of TTBK2 expression in kidney carcinoma and melanoma cell lines increases resistance to the chemotherapeutic agent Sunitinib, and that reduction of TTBK2 through the use of siRNA sensitized these cell lines to the effects of Sunitib, suggesting that TTBK2 can be used as a resistance marker as well a potential target to overcome resistance.
Synonyms:	SCA11; TTBK



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Product images:

Immunohistochemistry of TTBK2 in human placenta tissue with TTBK2 antibody at 5 ug/mL.