

Datasheet for ABIN1449960
anti-TTBK2 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	TTBK2
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTBK2 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	18 amino acid synthetic peptide near the carboxy terminus of Human TTBK2
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	TTBK2
Alternative Name:	TTBK2 (TTBK2 Products)
Background:	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

Target Details

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 Sunitinib, suggesting that TTBK2 can be used as a resistance marker as well as a potential target to overcome resistance. Synonyms: KIAA0847, Tau-tubulin kinase 2

Gene ID: 146057

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % Sodium Azide as preservative

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.