Datasheet for ABIN955368

anti-TTBK2 antibody (N-Term)

2 Images

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Overview

Quantity:	0.4 mL
Target:	TTBK2
Binding Specificity:	AA 224-253, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTBK2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 224-253 amino acids from the N-terminal region of human TTBK2
Isotype:	Ig Fraction
Specificity:	This antibody detects TTBK2 (N-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification

Target Details

Target:	TTBK2

Target Details

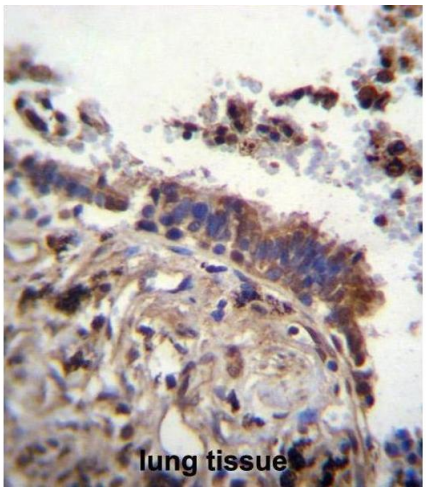
Alternative Name:	TTBK2 (TTBK2 Products)
Background:	This gene encodes a serine-threonine kinase that putatively phosphorylates tau and tubulin proteins. Mutations in this gene cause spinocerebellar ataxia type 11 (SCA11), a neurodegenerative disease characterized by progressive ataxia and atrophy of the cerebellum and brainstem.Synonyms: KIAA0847, Tau-tubulin kinase 2
Gene ID:	146057
NCBI Accession:	NP_775771

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

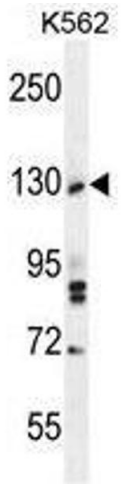
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
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 at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. 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.



Western Blotting

Image 2. TTBK2 Antibody (N-term) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the TTBK2 antibody detected the TTBK2 protein (arrow).