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anti-TTBK2 antibody (N-Term)

3 Images



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Overview	
Quantity:	400 μL
Target:	TTBK2
Binding Specificity:	AA 217-245, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TTBK2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This TTBK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 217-245 amino acids from the N-terminal region of human TTBK2.
Clone:	RB31984
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
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Target Details

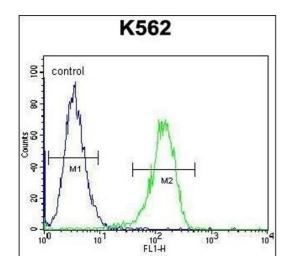
Alternative Name:	TTBK2 (TTBK2 Products)
Background:	This gene encodes a serine-threonine kinase that putatively phosphorylates tau and tubulin proteins. Mutations in this gene cause spinocerebellar ataxia type 11 (SCA11), a neurodegenerative disease characterized by progressive ataxia and atrophy of the cerebellum and brainstem.
Molecular Weight:	137412
Gene ID:	146057
NCBI Accession:	NP_775771
UniProt:	Q6IQ55

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

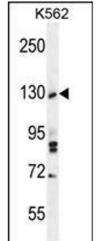
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in 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.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



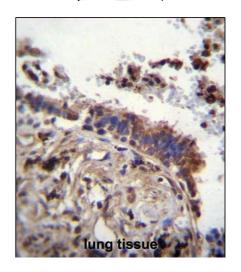
Flow Cytometry

Image 1. TTBK2 Antibody (N-term) (ABIN656096 and ABIN2845439) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. TTBK2 Antibody (N-term) (ABIN656096 and ABIN2845439) western blot analysis in K562 cell line lysates (35 μ g/lane). This demonstrates the TTBK2 antibody detected the TTBK2 protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. TTBK2 Antibody (N-term) (ABIN656096 and ABIN2845439) 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.