

Datasheet for ABIN392686

anti-TLK2 antibody (AA 141-171)[Go to Product page](#)**2** Images

Overview

Quantity:	400 µL
Target:	TLK2
Binding Specificity:	AA 141-171
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLK2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This TLK2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 141-171 amino acids from the Central region of human TLK2.
Clone:	RB3046
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	TLK2
Alternative Name:	TLK2 (TLK2 Products)

Target Details

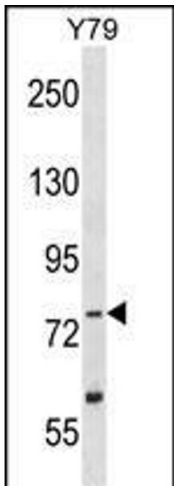
Background:	TLK2, a member of the Ser/Thr protein kinase family, is rapidly and transiently inhibited by phosphorylation following the generation of DNA double-stranded breaks during S-phase. This is cell cycle checkpoint and ATM-pathway dependent and appears to regulate processes involved in chromatin assembly. The TLK2 enzyme is cell-cycle regulated, with maximal activity in S-phase. It is inactivated by phosphorylation at Ser-750, potentially by CHK1. TLK2 heterodimerizes with TLK1. This nuclear protein is widely expressed, with presence in fetal placenta, liver, kidney, pancreas, heart and skeletal muscle tissues, and in several adult cell lines.
Molecular Weight:	87661
Gene ID:	11011
NCBI Accession:	NP_001106178 , NP_006843
UniProt:	Q86UE8

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

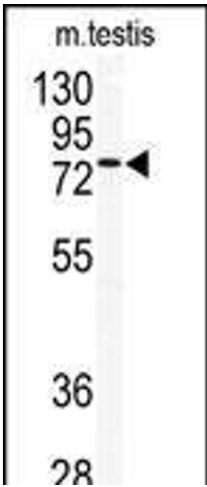
Handling

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



Western Blotting

Image 1. TLK2 Antibody (ABIN392686 and ABIN2837993) western blot analysis in Y79 cell line lysates (35 μ g/lane). This demonstrates the TLK2 antibody detected the TLK2 protein (arrow).



Western Blotting

Image 2. Western blot analysis of anti-TLK2 Antibody (Center) (ABIN392686 and ABIN2837993) in mouse testis tissue lysates (35 μ g/lane). TLK2 (arrow) was detected using the purified Pab.