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Datasheet for ABIN6241045
anti-PBK antibody (pThr9)

1 Image

Overview

Quantity:	200 µL
Target:	PBK
Binding Specificity:	AA 2-35, pThr9
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PBK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Phospho-PBK/TOPK (Thr9) antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 2-35 amino acids from the human Phospho-PBK/TOPK.
Clone:	RB56570
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PBK
Alternative Name:	PBK/TOPK (PBK Products)
Background:	Phosphorylates MAP kinase p38. Seems to be active only in mitosis. May also play a role in the

Target Details

activation of lymphoid cells. When phosphorylated, forms a complex with TP53, leading to TP53 destabilization and attenuation of G2/M checkpoint during doxorubicin-induced DNA damage.

Molecular Weight: 36085

UniProt: [Q96KB5](#)

Application Details

Application Notes: WB: 1:4000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

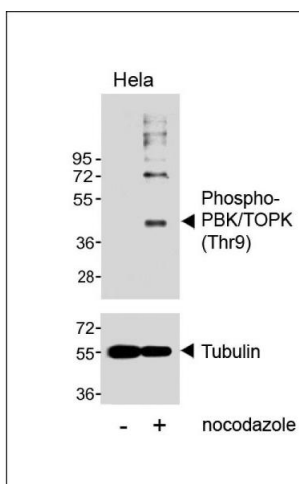
Preservative: Sodium azide

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

Expiry Date: 6 months

Images



Western Blotting

Image 1. Western blot analysis of lysates from HeLa cell line, untreated or treated with Nocodazole, 100 ng/mL, using Phospho-PBK/TOPK (Thr9) Antibody (upper) or Tubulin (lower).