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# Phospho-PBK/TOPK (Thr9) Antibody
**Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP3911a**

## Specification

### Phospho-PBK/TOPK (Thr9) Antibody - Product Information

| | |
|---|---|
| Application | **WB,E** |
| Primary Accession | Q96KB5 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **polyclonal** |
| Isotype | **Rabbit IgG** |
| Calculated MW | **36085** |

### Phospho-PBK/TOPK (Thr9) Antibody - Additional Information

**Gene ID** 55872

**Other Names**
Lymphokine-activated killer T-cell-originated protein kinase, 2.7.12.2, Cancer/testis antigen 84, CT84, MAPKK-like protein kinase, Nori-3, PDZ-binding kinase, Spermatogenesis-related protein kinase, SPK, T-LAK cell-originated protein kinase, PBK, TOPK

**Target/Specificity**
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.

**Dilution**
WB~~1:4000

**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
Phospho-PBK/TOPK (Thr9) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Phospho-PBK/TOPK (Thr9) Antibody - Protein Information

**Name** PBK

**Synonyms** TOPK

**Function** Phosphorylates MAP kinase p38. Seems to be active only in mitosis. May also play a role in the 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.

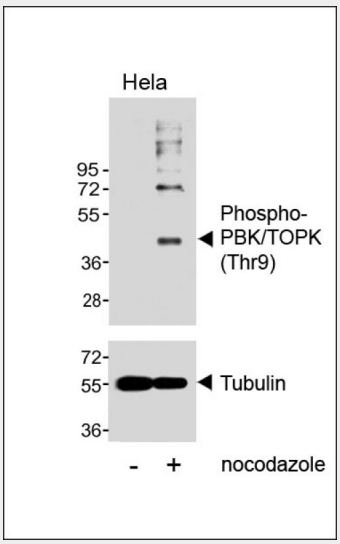
**Tissue Location**
Expressed in the testis and placenta. In the testis, restrictedly expressed in outer cell layer of seminiferous tubules.

## Phospho-PBK/TOPK (Thr9) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Phospho-PBK/TOPK (Thr9) Antibody - Images




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

## Phospho-PBK/TOPK (Thr9) Antibody - Background

Phosphorylates MAP kinase p38. Seems to be active only in mitosis. May also play a role in the 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.

## Phospho-PBK/TOPK (Thr9) Antibody - References

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