

**Phospho-PBK/TOPK (Thr9) Antibody**  
Rabbit mAb  
Catalog # AP93037

**Specification**

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

Application	WB, IHC
Primary Accession	<a href="#">Q96KB5</a>
Clonality	Monoclonal
<b>Other Names</b>	
CT84; MAPKK like protein kinase; Nori3; PBK; PDZ binding kinas; Serine/threonine protein kinase; SPK; TOPK;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	36085 Da

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

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Phospho-PBK/TOPK (Thr9)
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**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**

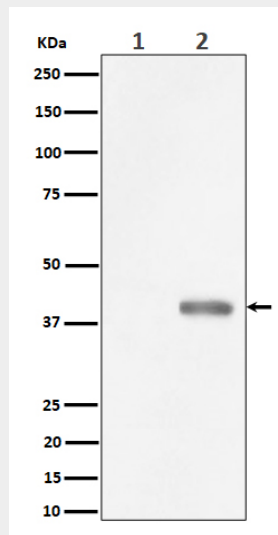
Expressed in the testis and placenta. In the testis, restrictedly expressed in outer cell layer of seminiferous tubules.

## 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 Cytometry](#)
- [Cell Culture](#)

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



Western blot analysis of Phospho-PBK/TOPK (Thr9) expression in (1) HeLa cell lysate; (2) HeLa cell treated with Nocodazole lysate.