

Phospho-PBK/TOPK (Thr9) Antibody

Rabbit mAb Catalog # AP93037

Specification

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

Application WB, IHC
Primary Accession Q96KB5
Clonality Monoclonal

Other Names

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

Dilution WB~~1:1000 IHC~~1:100~500

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



Tel: 858.875.1900 Fax: 858.875.1999

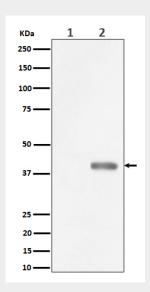
Expressed in the testis and placenta. In the testis, restrictedly expressed in outer cell layer of seminiferous tubules.

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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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.