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PBK (phospho Thr9) Polyclonal Antibody
Catalog # AP67262

Specification

PBK (phospho Thr9) Polyclonal Antibody - Product Information

Application	**WB**
Primary Accession	Q96KB5
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

PBK (phospho Thr9) Polyclonal Antibody - Additional Information

Gene ID 55872

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

Dilution
WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

PBK (phospho Thr9) Polyclonal 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.

PBK (phospho Thr9) Polyclonal Antibody - Protocols

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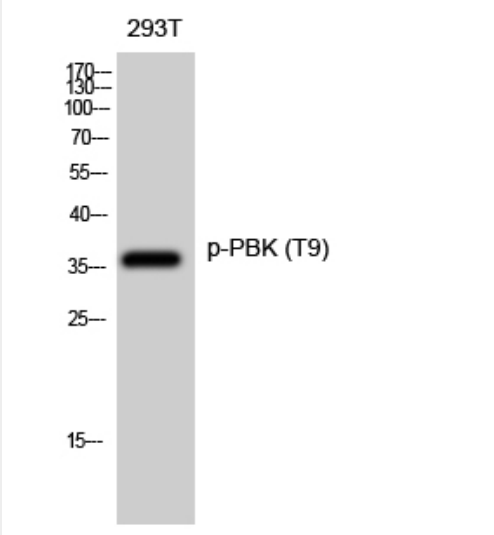
Provided below are standard protocols that you may find useful for product applications.

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

PBK (phospho Thr9) Polyclonal Antibody - Images



PBK (phospho Thr9) Polyclonal 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.