

## PBK Polyclonal Antibody

Catalog # AP71794

### Specification

#### PBK Polyclonal Antibody - Product Information

Application	<b>WB</b>
Primary Accession	<a href="#">Q96KB5</a>
Reactivity	<b>Human, Monkey</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>

#### PBK 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 kinase

#### Dilution

WB~~Western Blot: 1/500 - 1/2000.  
Immunohistochemistry: 1/100 - 1/300.  
ELISA: 1/5000. Not yet tested in other applications.

#### Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

#### Storage Conditions

-20°C

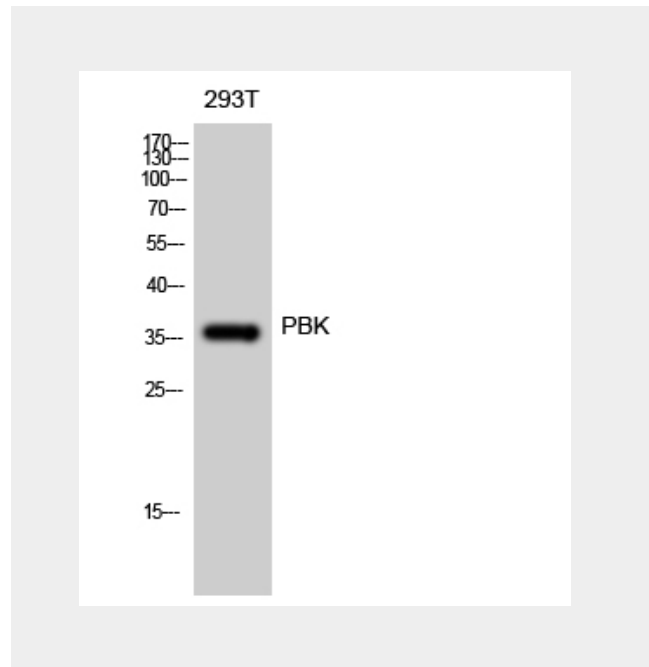
#### PBK Polyclonal Antibody - Protein Information

**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



#### PBK 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.

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 Polyclonal 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](#)