

PBK / TOPK Antibody (aa1-50)
Rabbit Polyclonal Antibody
Catalog # ALS15410**Specification**

PBK / TOPK Antibody (aa1-50) - Product Information

Application	WB, IHC
Primary Accession	Q96KB5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36kDa KDa

PBK / TOPK Antibody (aa1-50) - 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

PBK/TOPK (Ab-9) Antibody detects endogenous levels of total PBK/TOPK protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

PBK / TOPK Antibody (aa1-50) is for research use only and not for use in diagnostic or therapeutic procedures.

PBK / TOPK Antibody (aa1-50) - 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.

Volume

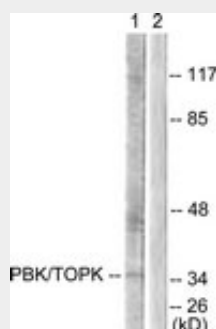
50 µl

PBK / TOPK Antibody (aa1-50) - Protocols

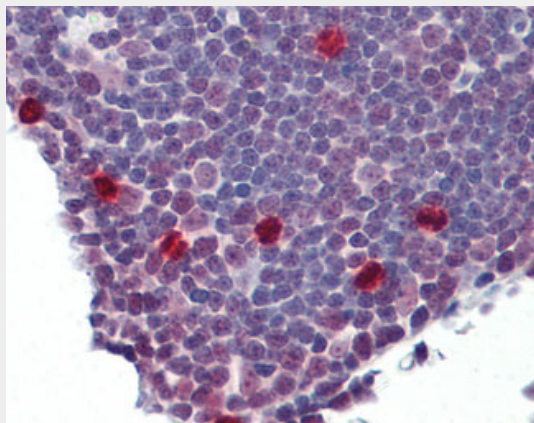
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PBK / TOPK Antibody (aa1-50) - Images



Western blot of extracts from COS7 cells, treated with Nocodazole 1 ug/ml 16h, using PBK/TOPK...



Anti-PBK / TOPK antibody IHC of human thymus.

PBK / TOPK Antibody (aa1-50) - Background

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PBK / TOPK Antibody (aa1-50) - References

Abe Y., et al. J. Biol. Chem. 275:21525-21531(2000).

Gaudet S.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:5167-5172(2000).
Zhao S.,et al.Int. J. Biochem. Cell Biol. 33:631-636(2001).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Nusbaum C.,et al.Nature 439:331-335(2006).