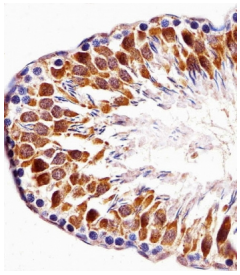
TOPK Antibody / PBK (F54731)

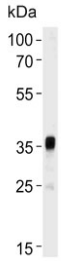
Catalog No.	Formulation	Size
F54731-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54731-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

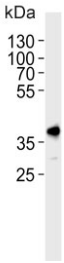
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9JJ78
Localization	Nuclear
Applications	Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10e6 cells)
Limitations	This TOPK antibody is available for research use only.



IHC testing of FFPE rat testis tissue with TOPK antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of mouse testis tissue lysate with TOPK antibody. Predicted molecular weight ~36 kDa.



Western blot testing of human HeLa tissue lysate with TOPK antibody. Predicted molecular weight ~36 kDa.

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 (By similarity). [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the TOPK antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 58-86 from the mouse protein was used as the immunogen for the TOPK antibody.

Storage

Aliquot the TOPK antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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