10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Mouse Pbk Antibody(N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19430a

Specification

Mouse Pbk Antibody(N-term) - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	Q9JJ78
Other Accession	NP_075698.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**36745**
Antigen Region	**58-86**

Mouse Pbk Antibody(N-term) - Additional Information

Gene ID 52033

Other Names
Lymphokine-activated killer T-cell-originated protein kinase, PDZ-binding kinase, T-LAK cell-originated protein kinase, Pbk, Topk

Target/Specificity
This Mouse Pbk antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 58-86 amino acids from the N-terminal region of mouse Pbk.

Dilution
WB~~1:1000
IHC-P~~1:25
FC~~1:25

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Mouse Pbk Antibody(N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Pbk Antibody(N-term) - Protein Information

Name Pbk

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Synonyms Topk

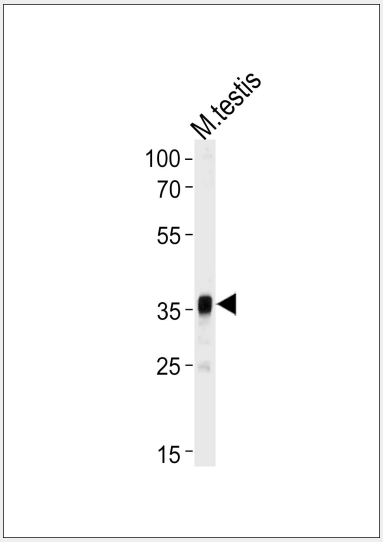
Function Phosphorylates MAP kinase p38. Seems to be active only in mitosis. May also play a role in the activation of lymphoid cells. When phosphorylated, forms a complex with TP53, leading to TP53 destabilization (By similarity).

Mouse Pbk Antibody(N-term) - Protocols

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

Mouse Pbk Antibody(N-term) - Images



Western blot analysis of lysate from mouse testis tissue lysate, using Mouse Pbk Antibody (N-term)(Cat. #AP19430a). AP19430a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

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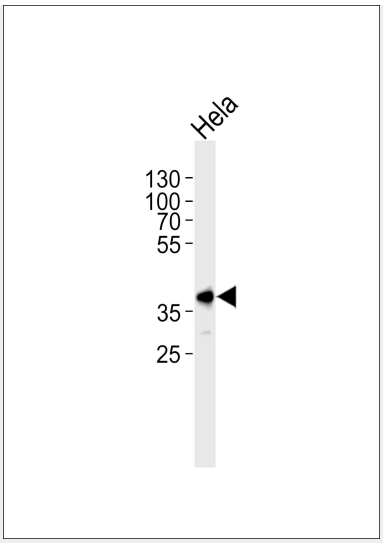
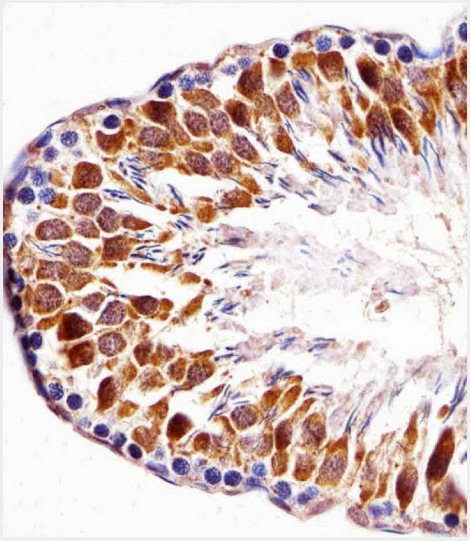
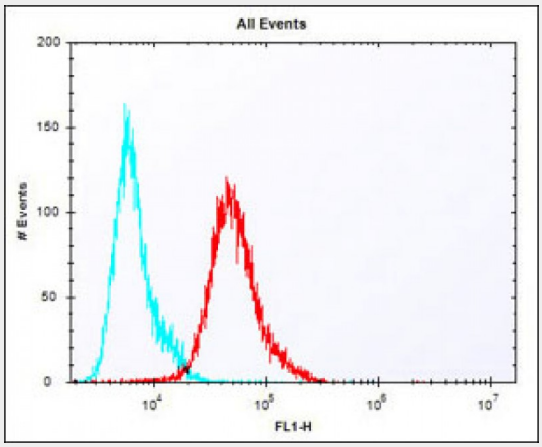


Western blot analysis of lysate from Hela cell line, using Mouse Pbk Antibody (N-term)(Cat. #AP19430a). AP19430a was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



Immunohistochemical analysis of paraffin-embedded R. testis section using Mouse Pbk Antibody(N-term)(Cat#AP19430a). AP19430a was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



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Overlay histogram showing A431 cells stained with AP19430a (red line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AP19430a, 1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) (1583138) at 1/400 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG1 (1µg/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

Mouse Pbk Antibody(N-term) - 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 (By similarity).

Mouse Pbk Antibody(N-term) - References

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Blackshaw, S., et al. PLoS Biol. 2 (9), E247 (2004) :
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