PBK Polyclonal Antibody

Catalog No. E-AB-40065

Note: Centrifuge before opening to ensure complete recovery of vial contents.

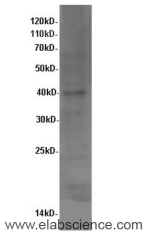
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant Human Lymphokine-activated killer T-cell-originated protein kinase protein
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

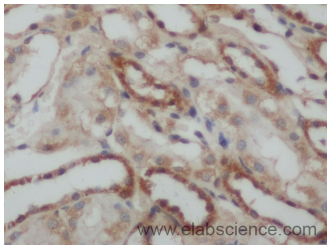
Applications — Recommended Dilution

WB 1:500-1:1000,
IHC 1:50-1:100

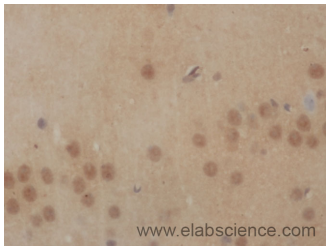
Data



Western Blot analysis of Hela cells using PBK Polyclonal Antibody at dilution of 1:600
Observed Mw:40kDa
Calculated Mw:36kDa



Immunohistochemistry of paraffin-embedded Rat kidney using PBK Polyclonal Antibody at dilution of 1:50



Immunohistochemistry of paraffin-embedded Mouse brain using PBK Polyclonal Antibody at dilution of 1:50

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017
Web: www.elabscience.com Email: techsupport@elabscience.com

Background

PBK(PDZ-binding kinase) is also named as TOPK, CT84, Nori-3, SPK and belongs to the MAP kinase kinase subfamily. PBK may have a role in the regulation of cellular proliferation and progression of the cell cycle. It has a characteristic cdc2ycyclin B phosphorylation site(SyT-P-X-KyR) at its N terminus,which is conserved across species, and it is phosphorylated in a cell cycle-dependent manner at mitosis, and that this phosphorylation is required for its activation.

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