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

PBK (phospho Thr9) Polyclonal Antibody

Catalog # AP67262

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q96KB5
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36085

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 kinas
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

Protein Information

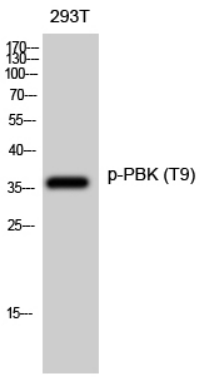
Name	PBK
Synonyms	TOPK
Function	Phosphorylates MAP kinase p38. Seems to be active only in mitosis. May also play a role in the activation of lymphoid cells. When phosphorylated, forms a complex with TP53, leading to TP53 destabilization and attenuation of G2/M checkpoint during doxorubicin- induced DNA damage.
Tissue Location	Expressed in the testis and placenta. In the testis, restrictedly expressed in outer cell layer of seminiferous tubules.

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.

Images



Western Blot analysis of 293T cells using Phospho-PBK (T9) Polyclonal Antibody diluted at 1：500

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.