

Datasheet for ABIN744653
anti-PBK antibody (pThr9)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PBK
Binding Specificity:	pThr9
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PBK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human PBK/TOPK around the phosphorylation site of Thr9
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat
Purification:	Purified by Protein A.

Target Details

Target:	PBK
---------	-----

Target Details

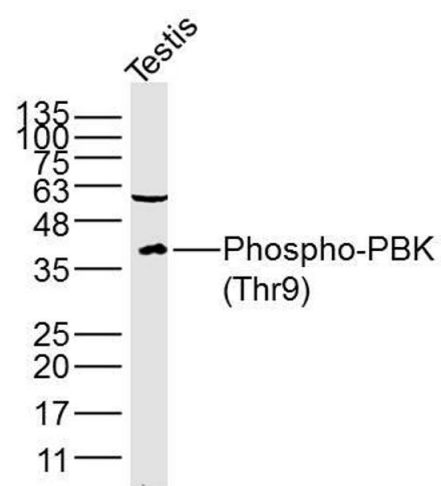
Alternative Name:	PBK/TOPK (PBK Products)
Background:	<p>Synonyms: SPK, CT84, TOPK, HEL164, Nori-3, Lymphokine-activated killer T-cell-originated protein kinase, Cancer/testis antigen 84, MAPKK-like protein kinase, PDZ-binding kinase, Spermatogenesis-related protein kinase, T-LAK cell-originated protein kinase, PBK</p> <p>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.</p>
Gene ID:	55872
UniProt:	Q96KB5

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Western Blotting

Image 1. Lane 1: Mouse testis lysates probed with PBK/TOPK(Thr9) Polyclonal Antibody, Unconjugated (bs-3326R) at 1:300 overnight at 4°C. Followed by a conjugated secondary antibody at 1:5000 for 90 min at 37°C.