

Product Name: PBK Rabbit Monoclonal Antibody**Catalog #: AMRe03138**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.54mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 36 kDa; Observed MW: 40 kDa

Antigen Information

Gene Name	PBK
Alternative 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 kinase
Gene ID	55872
SwissProt ID	Q96KB5
Immunogen	Recombinant protein of human PBK/SPK

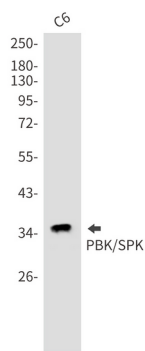
Background

This gene encodes a serine/threonine kinase related to the dual specific mitogen-activated protein kinase kinase (MAPKK) family. Evidence suggests that mitotic phosphorylation is required for its catalytic activity. This mitotic kinase may be involved in the activation of lymphoid cells and support Ticular functions, with a suggested role in the process of spermatogenesis.

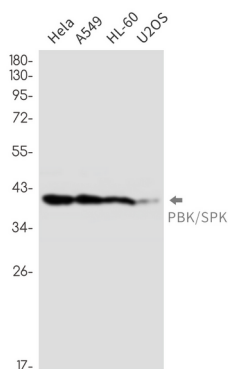
Research Area

Cell Biology

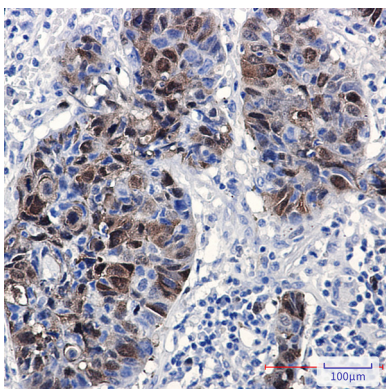
Image Data



Western blot analysis of PBK/SPK in C6 lysates using PBK antibody.



Western blot analysis of PBK/SPK in HeLa, A549, HL-60, U2OS lysates using PBK/SPK antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using PBK/SPK antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.