

Datasheet for ABIN747617

anti-PBK antibody (AA 251-322) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PBK
Binding Specificity:	AA 251-322
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PBK antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PBK
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Pig
Purification:	Purified by Protein A.

Target Details

Target:	PBK
Alternative Name:	PBK (PBK Products)
Background:	Synonyms: SPK, CT84, TOPK, HEL164, Nori-3, Lymphokine-activated killer T-cell-originated

Target Details

protein kinase, Cancer/testis antigen 84, MAPKK-like protein kinase, PDZ-binding kinase, Spermatogenesis-related protein kinase, T-LAK cell-originated protein kinase, PBK

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.

Gene ID: 55872

UniProt: [Q96KB5](#)

Application Details

Application Notes: WB 1:300-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months