

Datasheet for ABIN359330
anti-PBK antibody (C-Term)



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2 Images

Overview

Quantity:	0.4 mL
Target:	PBK
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PBK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human PBK.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to PBK.
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	PBK
Alternative Name:	PBK / TOPK (PBK Products)

Target Details

Background: PBK is a serine/threonine kinase related to the dual specific mitogen-activated protein 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 testicular functions, with a suggested role in the process of spermatogenesis. Synonyms: CT84, Cancer/testis antigen 84, Lymphokine-activated killer T-cell-originated protein kinase, MAPKK-like protein kinase, Nori-3, PDZ-binding kinase, SPK, T-LAK cell-originated protein kinase

Gene ID: 55872, 9606

UniProt: [Q96KB5](#)

Application Details

Application Notes: ELISA: 1/1,000. Western Blot: 1/50 - 1/100. Immunohistochemistry: 1/10 - 1/50.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) sodium azide

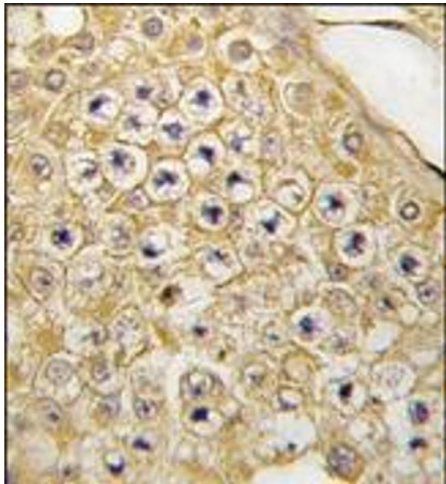
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

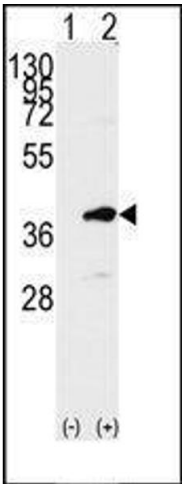
Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human testis tissue reacted with PBK Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of PBK (arrow) using rabbit polyclonal PBK Antibody