

Datasheet for ABIN2783527
anti-PBK antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	PBK
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PBK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PBK
Sequence:	SLCLAMEYGG EKSLNDLIEE RYKASQDPFP AAIIKVALN MARGLKYLHQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against PBK. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PBK
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Target Details

Alternative Name:	PBK (PBK Products)
Background:	PBK is 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 testicular functions, with a suggested role in the process of spermatogenesis. This genes 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 testicular functions, with a suggested role in the process of spermatogenesis. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. Alias Symbols: FLJ14385, Nori-3, SPK, TOPK, CT84 Protein Interaction Partner: ZBTB26, ZFP64, UBC, STRN3, TERT, LRRC47, USP5, LNX1, MYC, H2AFX, KIAA1377, GPS2, TRIM37, DLG1, SMAD4, ARAF, GPRASP1, TP53, RAF1, CCNB1, CDK1, E2F4, Protein Size: 322
Molecular Weight:	36 kDa
Gene ID:	55872
NCBI Accession:	NM_018492 , NP_060962
UniProt:	Q96KB5

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 322 AA
Restrictions:	For Research Use only

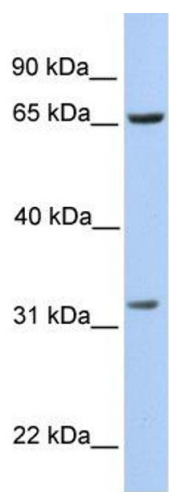
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-PBK Antibody Titration: 0.2-1 ug/ml Positive Control: 721_B cell lysate PBK is supported by BioGPS gene expression data to be expressed in 721_B