

## Anti-PBK Antibody Picoband® HRP Conjugated

Catalog Number: PB9310-HRP

### About PBK

Lymphokine-activated killer T-cell-originated protein kinase, also known as TOPK or PBK, is an enzyme that in humans is encoded by the PBK gene. The protein encoded by this gene is a serine/threonine kinase related to the dual specific mitogen-activated protein kinase kinase (MAPKK) family. It is mapped to 8p21.1. PBK can mediate cell growth through histone H3 modification. Evidence suggests that mitotic phosphorylation is required for its catalytic activity. The encoded protein may be involved in the activation of lymphoid cells and support testicular functions, with a suggested role in the process of spermatogenesis. Overexpression of this gene has been implicated in tumorigenesis.

### Overview

Product Name	Anti-PBK Antibody Picoband® HRP Conjugated
Reactive Species	Human, Mouse, Rat
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q96KB5

### Technical Details

Immunogen	E.coli-derived human PBK recombinant protein (Position: N71-V322). Human PBK shares 89% amino acid (aa) sequence identity with mouse PBK.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users.

ELISA, Optimal dilutions should be determined by end users.

## Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-PBK Antibody - HRP

For Research Use Only. Not for use in diagnostic procedures.