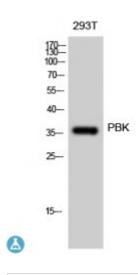


## **Anti-PBK** antibody



**Description** Rabbit polyclonal to PBK.

Model STJ94976

**Host** Rabbit

**Reactivity** Human, Simian

**Applications** ELISA, IHC, WB

**Immunogen** Synthesized peptide derived from human PBK around the non-

phosphorylation site of T9.

Immunogen Region 1-80 aa

**Gene ID** <u>55872</u>

Gene Symbol PBK

**Dilution range** WB 1:500-1:2000IHC 1:100-1:300ELISA 1:5000

**Specificity** PBK Polyclonal Antibody detects endogenous levels of PBK protein.

**Tissue Specificity** Expressed in the testis and placenta. In the testis, restrictedly expressed in

outer cell layer of seminiferous tubules.

**Purification** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

**Note** For Research Use Only (RUO).

Protein Name 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

Molecular Weight 36 kDa

**Clonality** Polyclonal

**Conjugation** Unconjugated

**Isotype** IgG

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Concentration** 1 mg/ml

**Storage Instruction** Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links <u>HGNC:18282OMIM:611210</u>

Alternative Names 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

**Function** 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.

Post-translational

**Modifications** 

Phosphorylated; in a cell-cycle dependent manner at mitosis.

St John's Laboratory Ltd

**F** +44 (0)207 681 2580

T+44 (0)208 223 3081

W http://www.stjohnslabs.com/ E info@stjohnslabs.com