

Anti-Human Phospho-PBK (Thr9) Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA01665

3th Edition

Description: PBK (PDZ-binding kinase) is also named as TOPK, CT84, Nori-3, SPK and belongs to the MAP kinase kinase subfamily. PBK may have a role in the regulation of cellular proliferation and progression of the cell cycle. It has a characteristic cdc2/cyclin B phosphorylation site (SyT-P-X-KyR) at its N terminus, which is conserved across species, and it is phosphorylated in a cell cycle-dependent manner at mitosis, and that this phosphorylation is required for its activation.

Antigen: Synthesized peptide derived from human PBK around the phosphorylation site of T9.

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH 7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1 µg/ml.

Specificity: Expressed in the testis and placenta. In the testis, restrictedly expressed in outer cell layer of seminiferous tubules.