

**Anti-Human/Monkey PBK Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA05527**

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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 non-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 (pH7.4) containing 1% BSA

**Application:** This antibody can be used for western blotting in concentration of 1?5?g/ml.

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