

## Product Datasheet

# Phospho-PBK/TOPK (Thr9) Antibody

Catalog No: CY7313

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC



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### Information

**UniProt ID:** Q96KB5

**All Names:** CT84; MAPKK like protein kinase; Nori3; PBK; PDZ binding kinases; Serine/threonine protein kinase; SPK; TOPK;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 40kDa

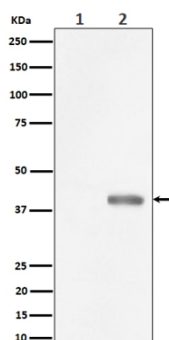
### Application

WB 1:500~1:2000

IHC 1:50~1:200

### Background

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.



Western blot analysis of Phospho-PBK/TOPK (Thr9) expression in (1) HeLa cell lysate; (2) HeLa cell treated with Nocodazole lysate.

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