
STK-10 (Ser482/486/490) Antibody

Subcategory: Rabbit Polyclonal Antibody, Phosphospecific Antibody

Cat. No.: 252573

Unit: 0.1 ml

Description:

Considerable evidence indicates that a polo-like kinase (PLK) plays an important role in cell cycle regulation. PLK is also required for bipolar spindle formation, activation of the anaphase-promoting complex/cyclosome, and cytokinesis. Recent work led to the identification of a PLKK that is thought to be responsible for activation of PLK. Recent work has shown that PLKK is in turn activated by phosphorylation at three sites (Ser482, Ser486 and Ser490). Thus activation of PLK is thought to involve a kinase cascade involving the phosphorylation of Ser482,486,490 in PLKK.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: R, M, H, Zf, X

Format: Each vial contains 0.1 ml IgG in HEPES pH7.5, 150 mM NaCl, 0.01% BSA and 50% glycerol. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Polo-like kinase kinase 1; stk10; xPlkk1

Accession No.: P70032

Antigen: KLH-conjugated synthetic phosphopeptide encompassing a sequence surrounding Ser482/486/490 of *Xenopus* polo-like kinase kinase.

Application Notes: E: 1:1,000; WB: 1:1,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.