
Phospho-Wee1 (Ser123) Rabbit pAb

Catalog Number: bs-5218R

Target Protein: Phospho-Wee1 (Ser123)

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Rabbit, Pig, Cow, Dog)

Predicted MW: 72 kDa

Entrez Gene: 7465

Swiss Prot: P30291

Source: KLH conjugated Synthesised phosphopeptide derived from human Wee1 around the phosphorylation site of Ser123: SS(p-S)PV.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a nuclear protein, which is a tyrosine kinase belonging to the Ser/Thr family of protein kinases. This protein catalyzes the inhibitory tyrosine phosphorylation of CDC2/cyclin B kinase, and appears to coordinate the transition between DNA replication and mitosis by protecting the nucleus from cytoplasmically activated CDC2 kinase.

PRODUCT SPECIFIC PUBLICATIONS

[IF=15.584] Feng Li. et al. CHK1 Inhibitor Blocks Phosphorylation of FAM122A and Promotes Replication Stress. Mol Cell. 2020 Nov;80:410 WB ; Human . 33108758

[IF=5.7] Emanuela Esposito. et al. Therapeutic potential of targeting the FLNA-regulated Wee1 kinase in adrenocortical carcinomas. INT J CANCER. 2024 Nov;; WB ; Human . 39528354