

WEE1 Rabbit pAb

Catalog Number: bs-23526R

Target Protein: WEE1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Rat (predicted:Mouse)

Predicted MW: 72 kDa

Subcellular Nucleus

Locations:

Entrez Gene: 7465

Swiss Prot: P30291

Source: KLH conjugated synthetic peptide derived from human WEE1 : 151-250/646.

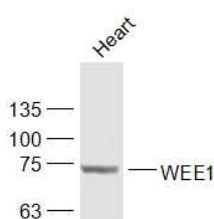
Purification: affinity purified by Protein A

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

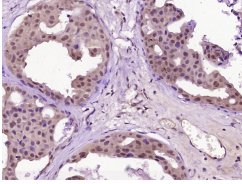
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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.

VALIDATION IMAGES



Sample: Heart (Rat) Lysate at 40 ug Primary: Anti-WEE1 (bs-23526R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 72 kD Observed band size: 72 kD



Paraformaldehyde-fixed, paraffin embedded (Human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (WEE1) Polyclonal Antibody, Unconjugated (bs-23526R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.384] Xiaowei Qin. et al. Neddylation inactivation affects cell cycle and apoptosis in sheep follicular granulosa cells. J CELL PHYSIOL. 2022 May 16 WB ; Sheep . 35578798