

bs-23526R**[Primary Antibody]****BioSS**
ANTIBODIES

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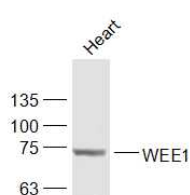
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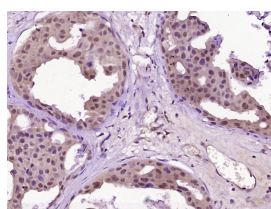
400-901-9800

WEE1 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 7465	SWISS: P30291	IHC-F (1:100-500)
Target: WEE1		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human WEE1 : 151-250/646.		Reactivity: Human, Rat (predicted: Mouse)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 72 kDa
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.		Subcellular Location: Nucleus
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.

— SELECTED CITATIONS —

- **[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