

## Wee1 Polyclonal Antibody

**CATALOG NO:** 3120-30T 30 µg (Trial size)  
3120-100 100 µg

**IMMUNOGEN:** Synthetic peptide mapping to the C-terminus of human Wee1 (ID# BV-401)

**FORMULATION:** 0.5 mg/ml affinity-purified rabbit anti-Wee1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal

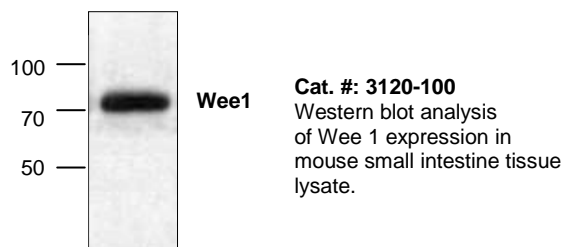
**SPECIES REACTIVITY:** Human, Mouse, Rat

**STORAGE CONDITIONS:** Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

**BACKGROUND DESCRIPTION:** Wee1 is a nuclear tyrosine protein kinase. The protein plays a role in suppressing eukaryotes' entry into mitosis by inactivating cdc2 kinase by inhibiting tyrosine phosphorylation. The predicted molecular weight of the kinase is 72 kDa. The kinase possesses tyrosine kinase activity, but structurally belongs to the serine/threonine protein kinase family.

**SPECIFICITY:** The affinity-purified rabbit antibody recognizes Wee1 protein from human, mouse and rat samples. Mouse small intestine tissue lysate (Cat.# 2601-100) can be used as a positive control. Blocking peptide (Cat.# 3120BP-50) is also available.

**APPLICATION AND USAGE:** The antibody can be used for Western blot analysis (0.5-4 µg/ml). Based on researcher's feedback, the antibody can also be used in immunoprecipitation (5-10 µg/ml). However, the optimal conditions should be determined individually.



**FOR RESEARCH USE ONLY! Not to be used on humans.**

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