

## WEE2 polyclonal antibody

Catalog: BS61656

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Wee1-like protein kinase 2, Oocyte-specific protein tyrosine kinase that phosphorylates and inhibits CDK1 and acts as a key regulator of meiosis during both prophase I and metaphase II. Required to maintain meiotic arrest in oocytes during the germinal vesicle (GV) stage, a long period of quiescence at dictyate prophase I, by phosphorylating CDK1 at 'Tyr-15', leading to inhibit CDK1 activity and prevent meiotic reentry. Also required for metaphase II exit during egg activation by phosphorylating CDK1 at 'Tyr-15', to ensure exit from meiosis in oocytes and promote pronuclear formation.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 62 kDa

### Swiss-Prot:

P0C1S8

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

WEE2 polyclonal antibody detects endogenous levels of WEE2 protein.

### DATA:



Western blot (WB) analysis of WEE2 polyclonal antibody at 1:500 dilution

Lane1: HeLa whole cell lysate (40ug)

Lane2: PC3 whole cell lysate (40ug)

Lane3: MEF whole cell lysate (40ug)

Lane4: The Testis tissue lysate of Rat (40ug)

### Note:

For research use only, not for use in diagnostic procedure.

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