

## anti- WEE2 antibody

### Product Information

Catalog No.:	FNab09506
Size:	100 $\mu$ g
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	$\geq$ 95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

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(By similarity).

### Immunogen information

Immunogen:	WEE1 homolog 2(S. pombe)
Synonyms:	FLJ16107, WEE1 homolog 2(S. pombe), Wee1 like protein kinase 1B, Wee1 like protein kinase 2, WEE1B, Wee1B kinase, WEE2
Observed MW:	63 kDa
UniprotID :	P0C1S8

### Application

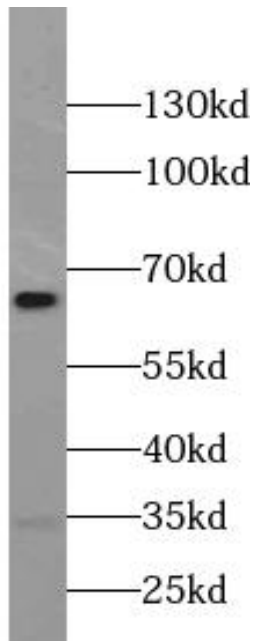
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Reactivity: Human  
Tested Application: ELISA, WB  
Recommended dilution: WB: 1:200-1:2000  
Image:



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab09506(WEE2 antibody) at dilution of 1:500

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