

## Wee 2 Polyclonal Antibody

<b>Catalog No :</b>	YT4904
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	Wee 2
<b>Fields :</b>	>>Cell cycle;>>Human immunodeficiency virus 1 infection
<b>Gene Name :</b>	WEE2
<b>Protein Name :</b>	Wee1-like protein kinase 2
<b>Human Gene Id :</b>	494551
<b>Human Swiss Prot No :</b>	P0C1S8
<b>Mouse Swiss Prot No :</b>	Q66JT0
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human WEE2. AA range:151-200
<b>Specificity :</b>	Wee 2 Polyclonal Antibody detects endogenous levels of Wee 2 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 60kD

**Cell Pathway :** Cell\_Cycle\_G1S;Cell\_Cycle\_G2M\_DNA;

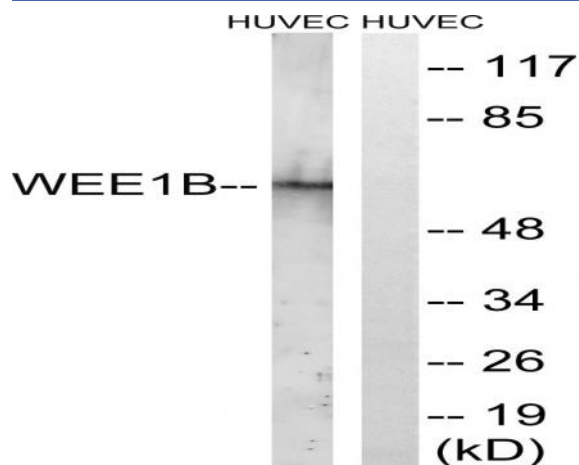
**Background :** catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Phosphorylates and inhibits CDC2. May act as a negative regulator of entry into mitosis (G2 to M transition).,PTM:Phosphorylated .,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. WEE1 subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Expressed in testis.,

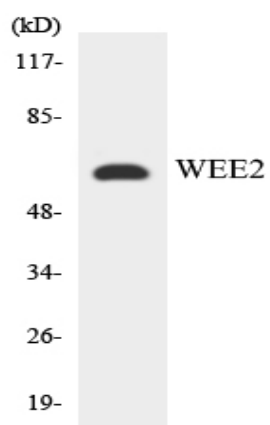
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**Subcellular Location :** Nucleus .

**Expression :** Expressed in oocytes (at protein level) (PubMed:29606300). May also be expressed in testis (PubMed:11029659).

## Products Images





Western blot analysis of the lysates from K562 cells using WEE2 antibody.