Product Name: **Wee 2 Rabbit Polyclonal Antibody**
Catalog #: **APRab19894**
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:10000
Molecular Weight	60kDa

Antigen Information

Gene Name	WEE2
Alternative Names	WEE2; WEE1B; Wee1-like protein kinase 2; Wee1-like protein kinase 1B; Wee1B kinase
Gene ID	494551.0
SwissProt ID	P0C1S8
Immunogen	The antiserum was produced against synthesized peptide derived from human WEE2. AA range:151-200

Background

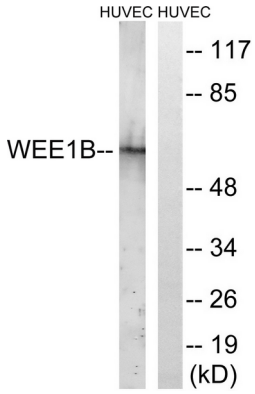
catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Phosphorylates and inhibits

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.,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.,

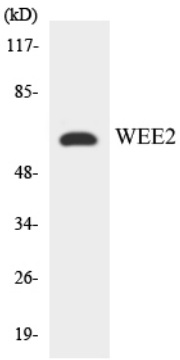
Research Area

Cell_Cycle_G1S;Cell_Cycle_G2M_DNA;

Image Data



Western blot analysis of lysates from HUVEC cells, using WEE2 Antibody. The lane on the right is blocked with the synthesized peptide.



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