Best Tools for immunology Research

Wee 2 Polyclonal Antibody

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

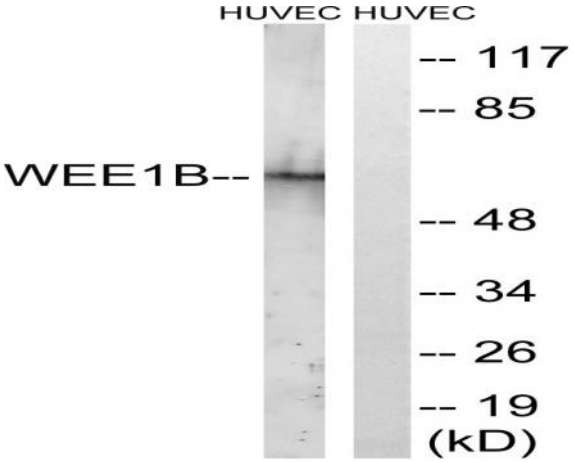
Background : catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Phosphorylates and inhibits CDC2. May act as a negative regulator of entry into mitosis (G2 to M transition).,PTM:Phosphorylated .,similarity:Belongs to the protein kinase superfamily. Ser/Thr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

Function : 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.,

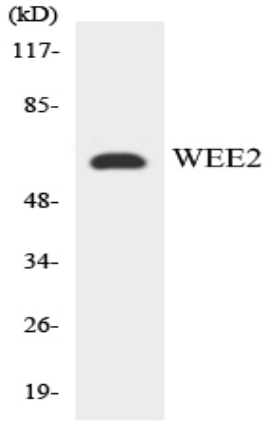
Subcellular Location : Nucleus .

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

Products Images



Western blot analysis of 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.