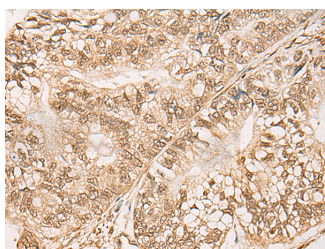


WEE1 Polyclonal Antibody

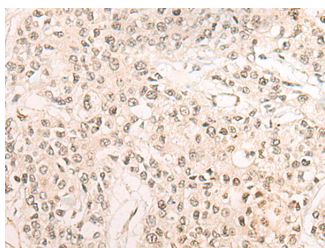
Catalog No.	E-AB-19363	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using WEE1 Polyclonal Antibody at dilution of 1:35(×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using WEE1 Polyclonal Antibody at dilution of 1:35(×200)

Immunogen Information

Immunogen	Synthetic peptide of human WEE1
Gene Accession	NP003381
Swissprot	P30291
Synonyms	homolog of, WEE1, somatic, Wee1-like protein kinase, WEE1, WEE1A, Wee1A kinase, WEE1 hu

Product Information

Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Purify	Antigen affinity purification
Dilution	IHC 1:30-1:150, ELISA 1:5000-1:10000

Background

This gene encodes a nuclear protein, which is a tyrosine kinase belonging to the Ser/Thr family of protein kinases. This protein catalyzes the inhibitory tyrosine phosphorylation of CDC2/cyclin B kinase, and appears to coordinate the transition between DNA replication and mitosis by protecting the nucleus from cytoplasmically activated CDC2 kinase. WEE1 (WEE1 G2 Checkpoint Kinase) is a Protein Coding gene. Among its related pathways are PLK1 signaling events and Cell cycle Role of 14-3-3 proteins in cell cycle regulation. GO annotations related to this gene include transferase activity, transferring phosphorus-containing groups and protein tyrosine kinase activity. An important paralog of this gene is WEE2.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.