

Rabbit anti-Human, mouse WEE1 Polyclonal Antibody | anti-WEE1 antibody

WEE1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283637	Rabbit	Human, mouse	Western Blot, Immunohistochemistry, ELISA

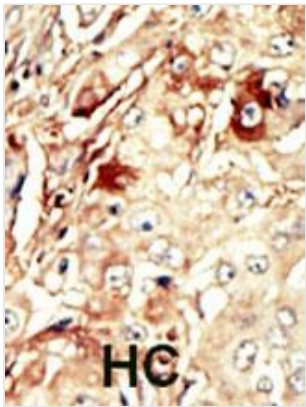
PRODUCT SYNONYMS

WEE1; Polyclonal Antibody; WEE1 Antibody (Center); Wee1-like protein kinase; WEE1hu; Wee1A kinase; anti-WEE1 antibody

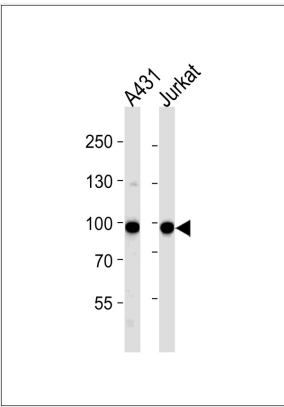
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This WEE1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 144-173 amino acids from the Central region of human WEE1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	144-173
Sequence Length	432
Applicable Applications for anti-WEE1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
WEE1 Antibody (A159) western blot analysis in A431?Jurkat cell line lysates (35ug/lane). This demonstrates the WEE1 antibody detected the WEE1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-WEE1 antibody	WEE1 is 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.
Product Categories/Family for anti-WEE1 antibody	Crown Antibodies; Cell Biology
References	Kawasaki, H., et al., Oncogene 22(44):6839-6844 (2003). Hashimoto, O., et al., Mol. Carcinog. 36(4):171-182 (2003). Yuan, H., et al., J. Virol. 77(3):2063-2070 (2003). Masaki, T., et al., Hepatology 37(3):534-543 (2003). de Noronha, C.M., et al., Science 294(5544):1105-1108 (2001).

NCBI AND UNIPROT INFORMATION

NCBI GI #	221307502
NCBI GeneID	7465
NCBI Accession #	NP_001137448.1; NP_003381.1
NCBI GenBank Nucleotide #	NM_001143976.1
UniProt Accession #	P30291; B3KVE1; D3DQV0
Molecular Weight	71597
NCBI Official Full Name	wee1-like protein kinase isoform 2
NCBI Official Synonym Full Names	WEE1 G2 checkpoint kinase
NCBI Official Symbol	WEE1
NCBI Official Synonym Symbols	WEE1A; WEE1hu
NCBI Protein Information	wee1-like protein kinase
UniProt Protein Name	Wee1-like protein kinase
UniProt Gene Name	WEE1
UniProt Synonym Gene Names	WEE1hu

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/wee1-antibody-western-blot-immunohistochemistry-elisa/283637>