

Rabbit anti-Human Phospho-Wee1 (S123) Polyclonal Antibody | anti-WEE1 antibody

Phospho-Wee1 (S123) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286114	Rabbit	Human	Immunohistochemistry, ELISA, Dot Blot

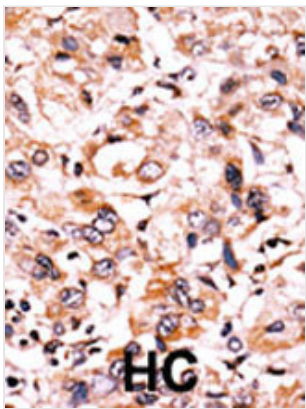
PRODUCT SYNONYMS

Phospho-Wee1 (S123); Polyclonal Antibody; Phospho-Wee1 (S123) Antibody; Wee1-like protein kinase; WEE1hu; Wee1A kinase; WEE1; anti-WEE1 antibody

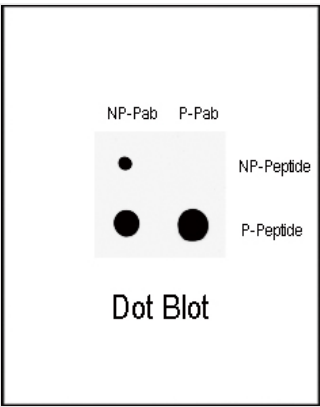
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Wee1 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S123 of human Wee1.
Purity/Purification	Peptide Affinity 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: 0.43 (varies by lot)
Sequence Length	432
Applicable Applications for anti-WEE1 antibody	IHC (Immunohistochemistry), ELISA, DB (Dot Blot)
Antigen Type	Synthetic Peptide
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



DB (Dot Blot)
Dot blot analysis of anti-Phospho-Wee1-S123 Antibody on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibodies working concentration was 0.5ug per ml.

ADDITIONAL INFORMATION

Related Product Information for anti- WEE1 antibody	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.
Product Categories/Family for anti- WEE1 antibody	Cell Biology; Phospho Antibodies
References	Dai, X., et al., J. Invest. Dermatol. 122(6):1356-1364 (2004). Watanabe, N., et al., Proc. Natl. Acad. Sci. U.S.A. 101(13):4419-4424 (2004). Yoshida, T., et al., Ann. Oncol. 15(2):252-256 (2004). Kawasaki, H., et al., Oncogene 22(44):6839-6844 (2003). Yuan, H., et al., J. Virol. 77(3):2063-2070 (2003).

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
UniProt Entry Name	WEE1_HUMAN

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/phospho-wee1-s123-antibody-immunohistochemistry-dot-blot-elisa/286114>