

Rabbit anti-Human, mouse Wee2 Polyclonal Antibody | anti-Wee2 antibody

Mouse Wee2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286896	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

Wee2; Polyclonal Antibody; Mouse Wee2 Antibody (Center); Wee1-like protein kinase 2; Wee1-like protein kinase 1B; Wee1B kinase; mWee1B; Wee1b; anti-Wee2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Wee2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 364-393 amino acids from the Central region of mouse Wee2.
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: 0.5 (varies by lot)
Sequence Positions	364-393
Sequence Length	555
Applicable Applications for anti-Wee2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
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 (Immunohistochemistry)

Mouse Wee2 Antibody (Center) (AAA286896) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse ovarian tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Mouse Wee2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Mouse Wee2 Antibody (Center) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the Wee2 antibody detected the Wee2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Wee2 antibody	Phosphorylates and inhibits CDK1. May act as a negative regulator of entry into mitosis (G2 to M transition).
Product Categories/Family for anti-Wee2 antibody	Cell Biology ; Developmental Biology ; Signal Transduction
References	Oh, J.S., et al. J. Cell Biol. 188(2):199-207(2010) Joshi, S., et al. BMC Dev. Biol. 7, 67 (2007) : Han, S.J., et al. Curr. Biol. 15(18):1670-1676(2005) Nakanishi, M., et al. Genes Cells 5(10):839-847(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	171846235
NCBI GeneID	381759
NCBI Accession #	NP_958758.2
NCBI GenBank Nucleotide #	NM_201370.2
UniProt Accession #	Q66JT0 ; Q4U4S4 ; Q7TPV9
Molecular Weight	62343
NCBI Official Full Name	wee1-like protein kinase 2
NCBI Official Synonym Full Names	WEE1 homolog 2 (S. pombe)
NCBI Official Symbol	Wee2
NCBI Official Synonym Symbols	Wee1B; Gm1065
NCBI Protein Information	wee1-like protein kinase 2
UniProt Protein Name	Wee1-like protein kinase 2
UniProt Gene Name	Wee2
UniProt Synonym Gene Names	Wee1b; mWee1B
UniProt Entry Name	WEE2_MOUSE

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/wee2-antibody-immunohistochemistry-western-blot-elisa/286896>