

## Wee 1(Phospho Ser53) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP15530
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human WEE1 around the phosphorylation site of Ser53. AA range:19-68
<b>Mol wt</b>	71597
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Wee1-like protein kinase
<b>Synonyms</b>	Wee1-like protein kinase; WEE1; Wee1-like protein kinase; WEE1hu; Wee1A kinase

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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.

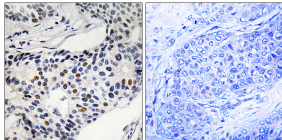
### Recommended Dilution

IHC-p: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

### Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using WEE1 (Phospho-Ser53) Antibody. The picture on the right is blocked with the phospho peptide.

### Storage

-20°C for 1 year