

## Rb(Phospho Ser249) Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP13592
<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 Retinoblastoma around the phosphorylation site of Ser249. AA range:221-270
<b>Mol wt</b>	106159
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IF, ICC, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Retinoblastoma-associated protein
<b>Synonyms</b>	Retinoblastoma-associated protein; RB1; Retinoblastoma-associated protein; p105-Rb; pRb; Rb; pp110

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

### Background

The protein encoded by this gene is a negative regulator of the cell cycle and was the first tumor suppressor gene found. The encoded protein also stabilizes constitutive heterochromatin to maintain the overall chromatin structure. The active, hypophosphorylated form of the protein binds transcription factor E2F1. Defects in this gene are a cause of childhood cancer retinoblastoma (RB), bladder cancer, and osteogenic sarcoma.

### Recommended Dilution

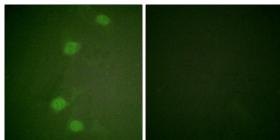
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

ELISA: 1: 5000

Not yet tested in other applications.

### Images



Immunofluorescence analysis of HeLa cells, using Retinoblastoma (Phospho-Ser249) Antibody. The picture on the right is blocked with the phospho peptide.

### Storage

-20°C for 1 year