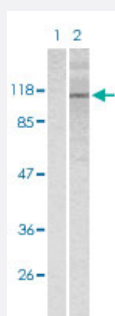


RB1 (phospho S795) polyclonal antibody

Catalog # PAB29612

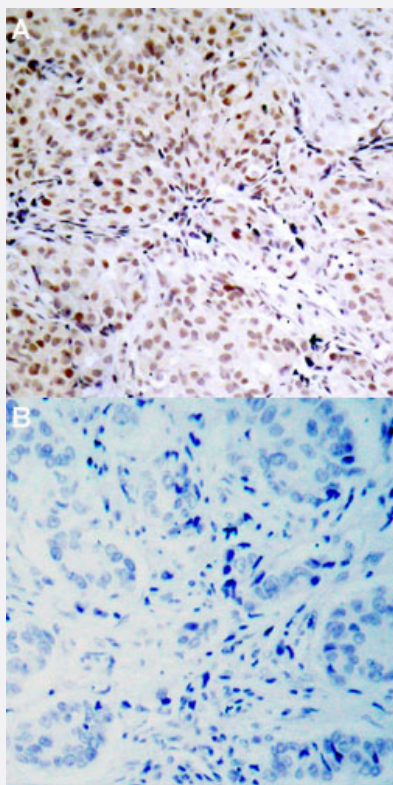
Size 100 uL

Applications



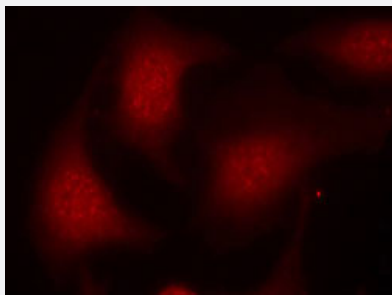
Western Blot (Cell lysate)

Western blot analysis of Lane 1: K562 cells, Lane 2: serum treated K562 cells with RB1 (phospho S795) polyclonal antibody (Cat# PAB29612) at 1:500-1:1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human breast cancer tissue by RB1 (phospho S795) polyclonal antibody (Cat# PAB29612) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.



Immunofluorescence

Immunofluorescent staining of methanol-fixed HeLa cells using RB1 (phospho S795) polyclonal antibody (Cat# PAB29612) at 1:100-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of human RB1.
Immunogen	A synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding S795 of human RB1.
Host	Rabbit
Theoretical MW (kDa)	110
Reactivity	Human
Specificity	RB1 (phospho S795) polyclonal antibody detects endogenous level of RB1 only when phosphorylated at serine 795.
Form	Liquid
Purification	Affinity Chromatography
Recommend Usage	Immunofluorescence (1:100-1:200) Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: K562 cells, Lane 2: serum treated K562 cells with RB1 (phospho S795) polyclonal antibody (Cat# PAB29612) at 1:500-1:1000 dilution.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human breast cancer tissue by RB1 (phospho S795) polyclonal antibody (Cat# PAB29612) without blocking peptide (A) or preincubated with blocking peptide (B) under 1:50-1:100 dilution.

- Immunofluorescence

Immunofluorescent staining of methanol-fixed Hela cells using RB1 (phospho S795) polyclonal antibody (Cat# PAB29612) at 1:100-1:200 dilution.

Gene Info — RB1

Entrez GeneID [5925](#)

Protein Accession# [P06400](#)

Gene Name RB1

Gene Alias OSRC, RB, p105-Rb, pRb, pp110

Gene Description retinoblastoma 1

Omim ID [109800](#) [180200](#) [259500](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000018397|retinoblastoma susceptibility protein|retinoblastoma-associated protein

Pathway

- [Bladder cancer](#)
- [Cell cycle](#)
- [Chronic myeloid leukemia](#)

- [Glioma](#)
- [Melanoma](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Chromosomal Instability](#)
- [Chromosome Aberrations](#)
- [Chromosome Deletion](#)
- [Colorectal Neoplasms](#)
- [Cystadenocarcinoma](#)
- [Disease Progression](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)

- [Neoplasm Invasiveness](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Retinal Neoplasms](#)
- [Retinoblastoma](#)
- [Tobacco Use Disorder](#)