

# Phospho-RB-S807/811 Rabbit pAb

Catalog No.: AP0484 **5 Publications**

## Basic Information

### Observed MW

120kDa

### Calculated MW

106kDa

### Category

Primary antibody

### Applications

WB,ELISA

### Cross-Reactivity

Human, Mouse, Rat

## 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 Dilutions

**WB** 1:500 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

5925

### Swiss Prot

P06400

### Immunogen

A synthetic phosphorylated peptide around S807 & S811 of human RB (NP\_000312.2).

### Synonyms

RB; pRb; OSRC; pp110; p105-Rb; PPP1R130; p110-RB1; Phospho-RB-S807/811

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

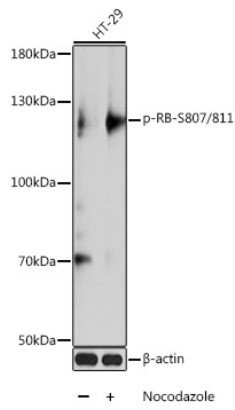
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of lysates from HT-29 cells, using Phospho-RB-S807/811 Rabbit pAb (AP0484) at 1:1000 dilution. HT-29 cells were treated by Nocodazole (100ng/mL) for 16 hours.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% BSA.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 5s.