

Phospho-RB-S807/811 Rabbit pAb

Catalog NO.: AP0484 **7 Publications**

Basic Information

Observed MW

120 kDa

Calculated MW

106 kDa

Category

Phosphorylated Antibodies

Applications

WB, IP, IF/ICC, IF-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

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

IP

0.5 µg - 4 µg antibody for 800 µg - 1000 µg extracts of whole cells

IF/ICC 1:200 - 1:1000

IF-P 1:200 - 1:1000

ELISA

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

Contact

Immunogen Information

Gene ID

5925

Swiss Prot

P06400

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

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

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

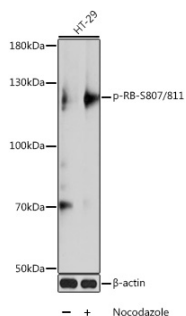
Affinity purification

Storage

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

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

Validation Data



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 with 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.

