

## Phospho-RB1-S780

**Reactivity:** Human

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 110kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding S780 of human RB1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

fk

**Synonym:**

RB; pRb; OSRC; pp110; p105-Rb;

**Catalog #:** AP0444

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 5925

**Isotype:** IgG

**Swiss Prot:** P06400

**Purity:** Affinity purification

For research use only.

**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.

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