

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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