

RB

Reactivity: Human

Tested applications: WB IHC FC

Recommended Dilution: WB 1:500 - 1:1000 IHC 1:50- 1:100 FC 1:20- 1:50

Calculated MW: 106kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic Peptide of human RB

Storage Buffer:

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

RB1; pRb; OSRC; pp110; p105-Rb; PPP1R130

Catalog #: A10094

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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