



## Rb Antibody

E20-75696

**Catalog No:**E20-75696

**Applications:**WB,ELISA

**Reactivity:**Human,Mouse,Rat

**Gene Name:**RB1

**Protein Name:**Retinoblastoma-associated protein

**Human Gene Id:**5925

**Human Swiss Prot No:**P06400

**Mouse Gene Id:**19645

**Mouse Swiss Prot No:**P13405

**Rat Gene Id:**24708

**Rat Swiss Prot No:**P33568

**Immunogen:**Synthesized peptide derived from the C-terminal region of human Rb.

**Specificity:**Rb Polyclonal Antibody detects endogenous levels of Rb protein.

**Formulation:**Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Source:**Rabbit

**Dilution:**Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

**Purification:**The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Concentration:**1 mg/ml

**Storage Stability:**-20°C/1 year

**Other Names:**RB1; Retinoblastoma-associated protein; p105-Rb; pRb; Rb; pp110

**Molecular Weight (Da):**106159

**Observed Band (KD):**105

**Background:**RB transcriptional corepressor 1(RB1) Homo sapiens The protein encoded by this gene is a negative regulator of the cell cycle and was the first tumor suppressor

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gene found.

**Function:disease:**Defects in RB1 are a cause of bladder cancer [MIM:109800].,disease:Defects in RB1 are a cause of osteogenic sarcoma [MIM:259500].,disease:Defects in RB1 are the cause of childhood cancer retinoblastoma (RB) [MIM:180200].

**Subcellular Location:**chromatin, nucleus, nucleoplasm, spindle, cyclin/ CDK positive transcription elongation factor complex,SWI/SNF complex,PML body,Rb-E2F complex.

**Expression:**Brain,Carcinoma,Cervix,Peripheral blood,Testis.

