



# Rb Polyclonal Antibody

Cat No: HR1AP9488

For research use only

## Overview

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| Product Name          | Rb Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Source                | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Applications          | WB,ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Species Reactivity    | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Recommended Dilutions |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Immunogen             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Species               | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Storage               | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Isotype               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clonality             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Concentration         | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Observed band         | 105kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| GeneID?Human?         | RB1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Human Swiss-Prot No.  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Cellular localization |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Alternative Names     | RB1; Retinoblastoma-associated protein; p105-Rb; pRb; Rb; pp110                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 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 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. [provided by RefSeq, Jul 2008], |