

## Rb Antibody | anti-RB1 antibody

Rb (Ab-780) Antibody

|                               |                                        |                                                                  |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA267795</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|

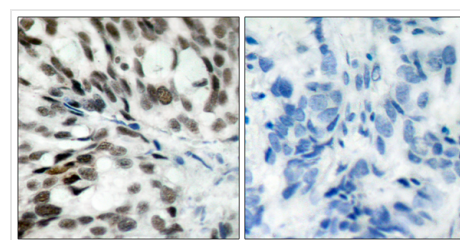
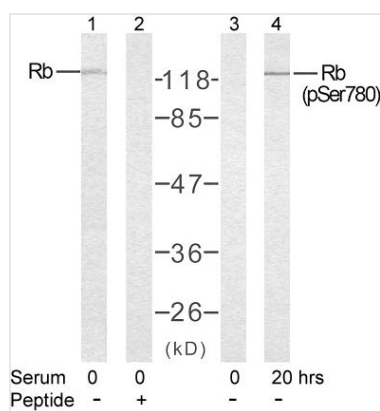
### PRODUCT SYNONYMS

Rb; Rb (Ab-780) Antibody; anti-RB1 antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                        |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                    | Human, Mouse, Rat                                                                                                                      |
| Specificity                                   | Rb (Ab-780) Antibody detects endogenous levels of total Rb protein.                                                                    |
| Purity/Purification                           | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                   |
| Form/Format                                   | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                         |
| Sequence Length                               | 928                                                                                                                                    |
| Applicable Applications for anti-RB1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                   |
| Immunogen                                     | The antiserum was produced against synthesized non-phosphopeptide derived from human Rb around the phosphorylation site of Serine 780. |
| Preparation and Storage                       | Store at -20 degree C for 1 year                                                                                                       |

### IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded breast carcinoma, using Rb (Ab-780) Antibody. Left: Untreated; Right: Treated with synthesized peptide.

#### WB (Western Blot)

Western blot analysis of extracts from K562 cells treated or untreated with serum using Rb (Ab-780) Antibody and Rb (Phospho-Ser780) Antibody (#11197). Line1: Using #B7208; Line2: Using #B7208 preincubated with synthesized peptide.

### ADDITIONAL INFORMATION

|            |                                                                                                                                                          |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Roesch A, et al.(2005) Mod Pathol. 18(4): 565-572. Huang H, et al.(2004) Oncogene. 23(12): 2161-2176. Kitagawa M, et al.(1996)EMBO J. 15(24): 7060-7069. |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 108773787                               |
| NCBI GeneID                      | 5925                                    |
| NCBI Accession #                 | NP_000312.2                             |
| NCBI GenBank Nucleotide #        | NM_000321.2                             |
| UniProt Accession #              | P06400; P78499; Q5VW46; Q8IZL4; A8K5E3  |
| Molecular Weight                 | 106,159 Da                              |
| NCBI Official Full Name          | retinoblastoma-associated protein       |
| NCBI Official Synonym Full Names | RB transcriptional corepressor 1        |
| NCBI Official Symbol             | RB1                                     |
| NCBI Official Synonym Symbols    | RB; pRb; OSRC; pp110; p105-Rb; PPP1R130 |
| NCBI Protein Information         | retinoblastoma-associated protein       |
| UniProt Protein Name             | Retinoblastoma-associated protein       |
| UniProt Gene Name                | <b>RB1</b>                              |
| UniProt Synonym Gene Names       | Rb                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/rb/267795>