

## Retinoblastoma Antibody | anti-RB1 antibody

Retinoblastoma (Phospho-Ser608) Antibody

|                               |                                        |                                                                  |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA109680</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|------------------------------------------------------------------|

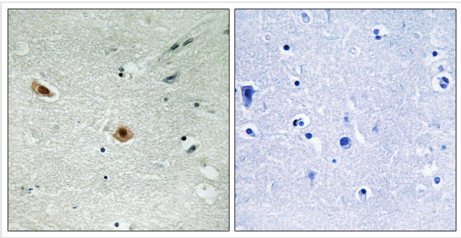
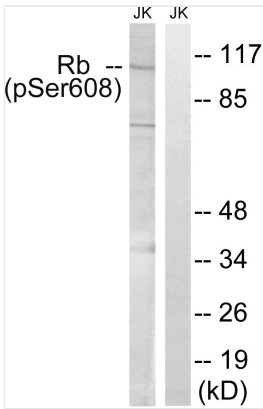
### PRODUCT SYNONYMS

Retinoblastoma; Retinoblastoma (Phospho-Ser608) Antibody; P105-RB; PP105; PP110; RB-1; retinoblastoma gene; Retinoblastoma-associated protein; anti-RB1 antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                     |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                    | Human, Mouse, Rat                                                                                                                                                                                                                                   |
| Specificity                                   | Retinoblastoma (Phospho-Ser608) antibody detects endogenous levels of Retinoblastoma only when phosphorylated at serine 608.                                                                                                                        |
| Purity/Purification                           | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                   | In phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 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 phosphopeptide derived from human Retinoblastoma around the phosphorylation site of serine 608 (Y-L-SP-P-V).                                                                                         |
| All Sites                                     | Human: Ser608<br>Mouse: Ser601<br>Rat: Ser579                                                                                                                                                                                                       |
| Preparation and Storage                       | Store at -20 degree C for 1 year.                                                                                                                                                                                                                   |

IMAGES



Application Data  
P-peptide-+

**IHC (Immunohistochemistry)**  
Immunohistochemistry analysis of paraffin-embedded human brain tissue using Retinoblastoma (Phospho-Ser608) antibody. Western blot analysis of extracts from Jurkat cells, treated with PMA (125ng/ml, 30mins), using Retinoblastoma (Phospho-Ser608) antibody.

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-RB1 antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
| References                                      | Lee W.-H., Nature 329:642-645(1987). Lee W.-H., Science 235:1394-1399(1987). Friend S.H., Proc. Natl. Acad. Sci. U.S.A. 84:9059-9063(1987).                                                                       |

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                | RB1                                     |
| 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.