

Anti-Phospho-RB1 (Ser807, 811) Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Human,Mouse,Rat |
| Conjugation: | Unconjugated |
| Molecular Weight: | Actual: 106 kDa. |
| Purification: | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |

Applications

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| Application: | WB |
| Recommended | WB: 1:1000-2000 |

Properties

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| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | A synthesized phosphopeptide: human Rb around the phosphorylation site of Ser807 and 811 |
| Antigen Species: | human |
| Uniprot ID: | P06400 |
| Synonyms: | RB1 (p-Ser807, 811);p-RB1 (S807, 811);RB1 (p-S807, 811);p-RB1 (Ser807, 811) |

Research 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],

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