

## Anti-Phospho-RB1 (Thr821) Polyclonal Antibody

### Product Details

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

### Applications

Application:	IHC-P,ICC/IF,ELISA
Recommended	IHC-P: 1:100-300; ICC/IF: 1:200-1000; ELISA: 1:40000

### Properties

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

### Antigen Details

Immunogen:	A synthesized phosphopeptide: human Retinoblastoma around the phosphorylation site of Thr821. AA range:791-840
Antigen Species:	human
Uniprot ID:	P06400
Synonyms:	RB1 (p-Thr821);RB1 (p-T821);p-RB1 (T821);p-RB1 (Thr821)

### 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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