

Retinoblastoma Antibody | anti-RB1 antibody

Retinoblastoma (Phospho-Ser780) Antibody

CATALOG # AAA266585	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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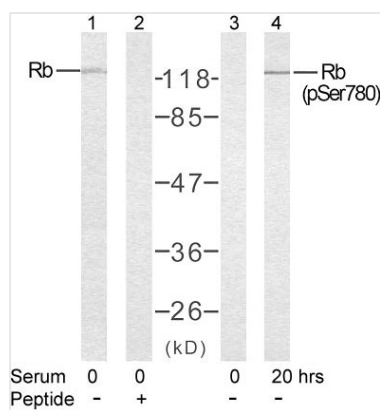
PRODUCT SYNONYMS

Retinoblastoma; Retinoblastoma (Phospho-Ser780) Antibody; anti-RB1 antibody

PRODUCT SPECIFICATIONS

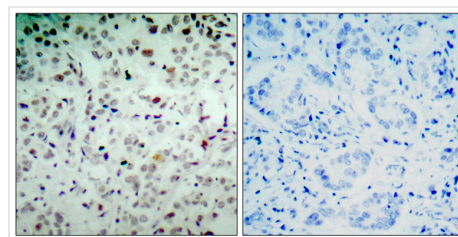
Reactivity	Human, Mouse, Rat
Specificity	Rb(Phospho-Ser780) Antibody detects endogenous levels of Rb only when phosphorylated at Serine 780.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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 Rb around the phosphorylation site of Serine 780(T-L-SP-P-I).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



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.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded breast carcinoma, using Rb (Phospho-Ser780) Antibody. Left: Untreated; Right: Treated with synthesized phosphopeptide.

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
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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.
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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.