

Retinoblastoma Antibody | anti-RB1 antibody

Retinoblastoma (Phospho-Thr821) Antibody

CATALOG # AAA111859	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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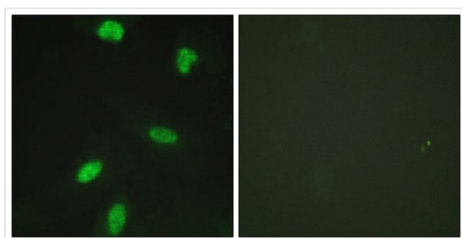
PRODUCT SYNONYMS

Retinoblastoma; Retinoblastoma (Phospho-Thr821) Antibody; P105-RB; PP105; PP110; RB-1; RB1; Retinoblastoma-associated protein; anti-RB1 antibody

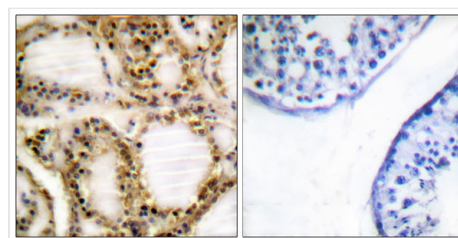
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Rb (Phospho-Thr821) antibody detects endogenous levels of Rb only when phosphorylated at threonine 821.
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, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Rb around the phosphorylation site of threonine 821 (L-P-TP-P-T).
All Sites	Human: Thr821 Mouse: Thr814 Rat: Thr792
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES


IHC (Immunohistochemistry)

P-peptide-+ Immunohistochemistry analysis of paraffin-embedded human testis tissue using Rb (Phospho-Thr821) antibody. Immunofluorescence analysis of HeLa cells, using Rb (Phospho-Thr821) antibody.


Application Data

P-peptide-+

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	Hogg A., Oncogene 7:1445-1451(1992). Toguchida J., Genomics 17:535-543(1993). Dunham A., Nature 428:522-528(2004).

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/retinoblastoma/111859>