

Rabbit anti-Human, Rat RB Polyclonal Antibody | anti-RB antibody

RB Rabbit pAb

CATALOG # AAA281722	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

RB; Polyclonal Antibody; RB Rabbit pAb; OSRC; PPP1R130; p105-Rb; pRb; pp110; RB1; Rb; anti-RB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-RB antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human RB
Cellular Location	Nucleus
Positive Samples	SW480, HeLa
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



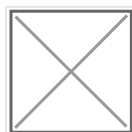
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using Rb antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using Rb antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RB antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.

ADDITIONAL INFORMATION

Related Product Information for anti-RB antibody	Background: 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.
Product Categories/Family for anti-RB antibody	Epigenetics & Nuclear Signaling; Transcription Factors; Research; Epigenetics & Nuclear Signaling; DNA Damage & Repair; Research; Protein phosphorylation; Research; Cell Biology & Developmental Biology; Cell Cycle; Cell cycle inhibitors; Research; Cell Bi

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	retinoblastoma 1
NCBI Official Symbol	RB1
NCBI Official Synonym Symbols	RB; pRb; OSRC; pp110; p105-Rb
NCBI Protein Information	retinoblastoma-associated protein; retinoblastoma susceptibility protein
UniProt Protein Name	Retinoblastoma-associated protein
UniProt Gene Name	RB1
UniProt Synonym Gene Names	Rb
UniProt Entry Name	RB_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rb-antibody-immunofluorescence-western-blot-elisa/281722>