

Rabbit anti-Human, Mouse Rb Polyclonal Antibody | anti-Rb antibody

Rb Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA313259	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

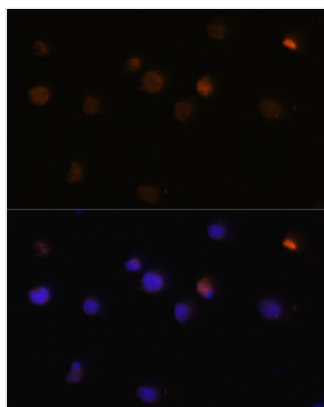
PRODUCT SYNONYMS

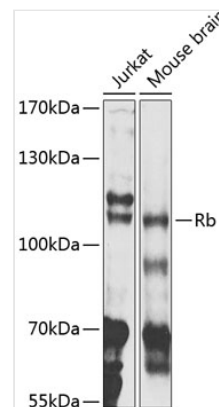
Rb; Polyclonal Antibody; Rb Rabbit Polyclonal Antibody; OSRC; PPP1R130; RB; p105-Rb; pRb; pp110; RB1; anti-Rb antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-Rb antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human Rb (NP_000312.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of Y79 cells using Rb Polyclonal at dilution of 1:100 (40x lens).
Blue: DAPI for nuclear staining.

WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Rb at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-Rb antibody

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.

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.