

Rabbit Rb Polyclonal Antibody | anti-RB antibody

Rb Antibody (Ser780)

CATALOG # AAA226057	HOST Rabbit	APPLICATIONS Immunohistochemistry, Western Blot
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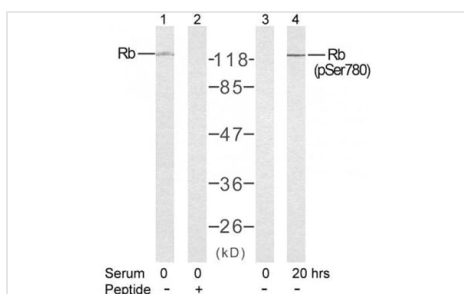
PRODUCT SYNONYMS

Rb; Polyclonal Antibody; Rb Antibody (Ser780); Rabbit Polyclonal Rb Antibody (Ser780); Polyclonal Rb antibody; Anti-Rb antibody; retinoblastoma susceptibility protein antibody; Retinoblastoma-associated protein antibody; OSRC antibody; p105-Rb antibody; pp110 antibody; pRb antibody; Rb antibody; RB1 antibody; retinoblastoma 1 antibody; anti-RB antibody

PRODUCT SPECIFICATIONS

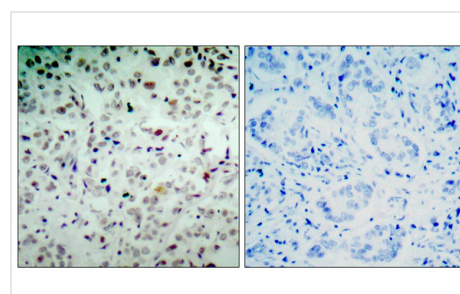
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	Rb antibody (Ser780) detects endogenous levels of Rb only when phosphorylated at serine 780
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in PBS buffer (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-RB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Rb antibody was raised in Rabbit using a synthesized phosphopeptide derived from human Rb around the phosphorylation site of serine 780 (T-L-SP-P-I) as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extract from K562 cells untreated or treated with 10% serum after 48 hours of starvation, using Rb antibody and Rb antibody (Ser780) (Lanes 3 and 4)



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Rb antibody (Ser780)

ADDITIONAL INFORMATION

Related Product Information for anti-RB antibody	Rb is phosphorylated to pRb by certain Cyclin Dependent Kinases (CDKs). pRb is described as being hyperphosphorylated and when in this state, it is unable to complex E2F and therefore, unable to restrict progression from the G1 phase to the S phase of the cell cycle. During the M-to-G1 transition, pRb is progressively dephosphorylated by PP1, returning to its growth-suppressive hypophosphorylated state Rb.
Product Categories/Family for anti-RB antibody	Cancer

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-immunohistochemistry-western-blot-elisa/226057>