

RB Rabbit Polyclonal Antibody



CAB2116

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

106kDa

Calculated MW:

106kDa

Applications:

WB IF

Reactivity:

Human, Mouse

Protein 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.

Immunogen information

Gene ID:

5925

Uniprot

P06400

Synonyms:

OSRC; PPP1R130; RB; p105-Rb; pRb; pp110; RB1; Rb

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

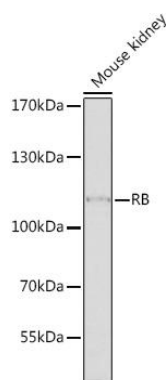
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 830 to the C-terminus of human RB (NP_000312.2).

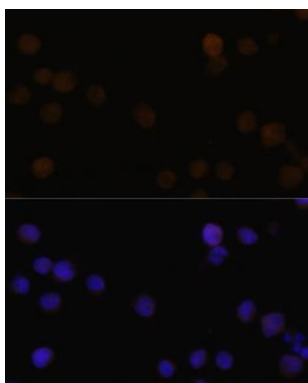
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of mouse kidney, using RB antibody (CAB2116) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 15s.



Immunofluorescence analysis of Y79 cells using Rb antibody (CAB2116) at dilution of 1:100. Blue: DAPI for nuclear staining.