

RB1 Polyclonal Antibody

Catalog No.	A16966	Category	Polyclonal Antibodies
Applications	WB	Observed MW	106kDa
Cross-reactivity	Human	Calculated MW	106kDa

Immunogen Information

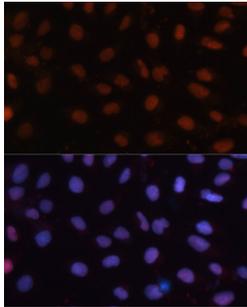
Immunogen	Recombinant protein of human RB1.
Gene ID	5925
Swiss prot	P06400
Synonyms	RB1; OSRC; PPP1R130; RB; p105-Rb; pRb; pp110; RB transcriptional corepressor 1

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

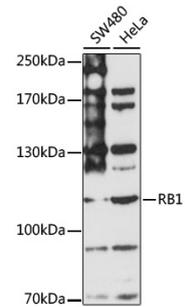
The protein encoded by this gene is a negative regulator of the cell cycle and was the first tumor suppressor gene found. The encoded protein also stabilizes constitutive heterochromatin to maintain the overall chromatin structure. The active, hypophosphorylated form of the protein binds transcription factor E2F1. Defects in this gene are a cause of childhood cancer retinoblastoma (RB), bladder cancer, and osteogenic sarcoma.



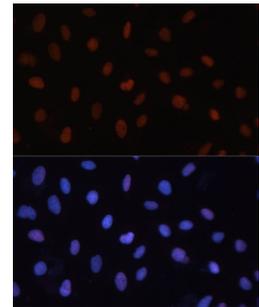
Immunofluorescence - RB1 Polyclonal Antibody (A16966)

Recommended Dilutions

WB 1:500 -
1:2000



Western blot - RB1 Polyclonal Antibody (A16966)



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