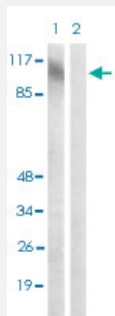


RB1 (phospho T826) polyclonal antibody

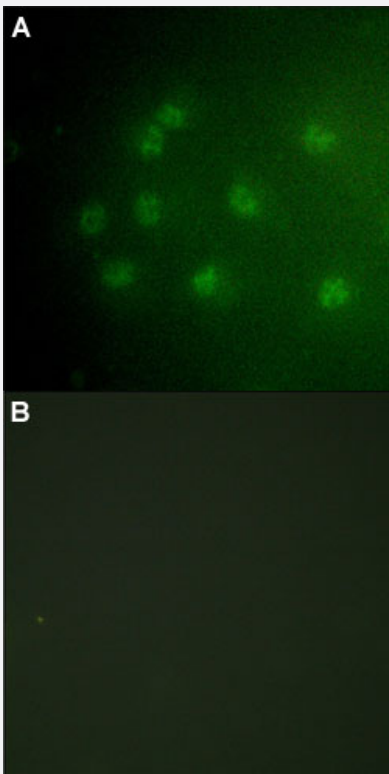
Catalog # PAB29632 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Lane 1: nocodazole treated (1 ug/mL, 16 hours) HepG2 cells, Lane 2: blocking peptide treated HepG2 cells with RB1 (phospho T826) polyclonal antibody (Cat# PAB29632) at 1:500-1:1000 dilution.



Immunofluorescence

Immunofluorescent staining of COS7 cells by RB1 (phospho T826) polyclonal antibody (Cat# PAB29632) without synthesized peptide (A) or preincubated with synthesized peptide (B) at 1:100-1:200 dilution.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic phosphopeptide of human RB1.

Immunogen	A synthetic phosphopeptide (conjugated with KLH) corresponding to residues surrounding T826 of human RB1.
Host	Rabbit
Theoretical MW (kDa)	110
Reactivity	Human, Mouse, Rabbit
Specificity	RB1 (phospho T826) polyclonal antibody detects endogenous level of RB1 only when phosphorylated at threonine 826.
Form	Liquid
Purification	Affinity Chromatography
Recommend Usage	Immunofluorescence (1:100-1:200) Western Blot (1:500-1:3000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (without Mg^{2+} and Ca^{2+}), 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: nocodazole treated (1 ug/mL, 16 hours) HepG2 cells, Lane 2: blocking peptide treated HepG2 cells with RB1 (phospho T826) polyclonal antibody (Cat# PAB29632) at 1:500-1:1000 dilution.

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Gene Info — RB1

Entrez GeneID	5925
Protein Accession#	P06400
Gene Name	RB1

Gene Alias	OSRC, RB, p105-Rb, pRb, pp110
Gene Description	retinoblastoma 1
Omim ID	109800 180200 259500
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000018397 retinoblastoma susceptibility protein retinoblastoma-associated protein

Pathway

- [Bladder cancer](#)
- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [Glioma](#)
- [Melanoma](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Small cell lung cancer](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)

- [Chromosomal Instability](#)
- [Chromosome Aberrations](#)
- [Chromosome Deletion](#)
- [Colorectal Neoplasms](#)
- [Cystadenocarcinoma](#)
- [Disease Progression](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Neoplasm Invasiveness](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Retinal Neoplasms](#)
- [Retinoblastoma](#)
- [Tobacco Use Disorder](#)