

For Research Use Only

RB1 Polyclonal antibody

Catalog Number: 30374-1-AP



Basic Information

Catalog Number: 30374-1-AP	GenBank Accession Number: BC039060	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1300 ug/ml by Nanodrop;	GeneID (NCBI): 5925	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P06400	
Isotype: IgG	Full Name: retinoblastoma 1	
	Calculated MW: 928 aa, 106 kDa	
	Observed MW: 106-110 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : Jurkat cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human ovary cancer tissue,

Background Information

The RB1 gene, a member of the pocket family with p107 and p130, was the first known tumor suppressor. RB1 protein is targeted by the transforming proteins of the DNA tumor viruses like adenoviral E1A and is functionally inactivated in most human tumor cells owing to mutations of either the RB1 gene itself or its upstream regulators (PMID: 22787429).

Storage

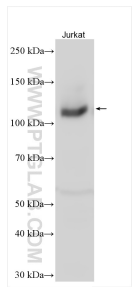
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

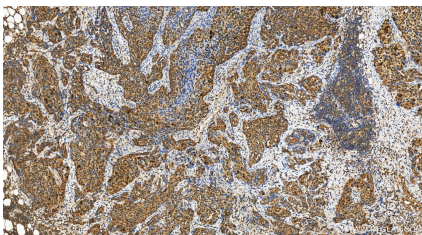
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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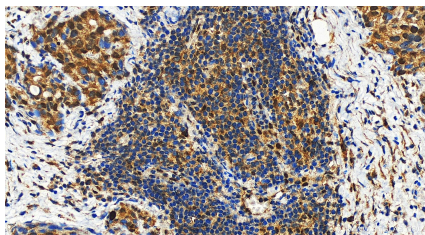
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30374-1-AP (RB1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 30374-1-AP (RB1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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