

## p107 (phospho Thr369) Polyclonal Antibody

Catalog No: #13655



Package Size: #13655-1 50ul #13655-2 100ul

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## Description

Product Name	p107 (phospho Thr369) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse
Specificity	Phospho-p107 (T369) Polyclonal Antibody detects endogenous levels of p107 protein only when phosphorylated at T369.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human RBL1 around the phosphorylation site of Thr369. AA range:335-384
Other Names	RBL1; Retinoblastoma-like protein 1; 107 kDa retinoblastoma-associated protein; p107; pRb1
Accession No.	Swiss Prot:P28749GeneID:5933
Uniprot	P28749
GeneID	5933
Calculated MW	120kd
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

## Background

RB transcriptional corepressor like 1(RBL1) Homo sapiens The protein encoded by this gene is similar in sequence and possibly function to the product of the retinoblastoma 1 (RB1) gene. The RB1 gene product is a tumor suppressor protein that appears to be involved in cell cycle regulation, as it is phosphorylated in the S to M phase transition and is dephosphorylated in the G1 phase of the cell cycle. Both the RB1 protein and the product of this gene can form a complex with adenovirus E1A protein and SV40 large T-antigen, with the SV40 large T-antigen binding only to the unphosphorylated form of each protein. In addition, both proteins can inhibit the transcription of cell cycle genes containing E2F binding sites in their promoters. Due to the sequence and biochemical similarities with the RB1 protein, it is thought that the protein encoded by this gene may also be a tumor suppressor. Two transcript variants encoding different isoforms hav

Note: This product is for in vitro research use only