p107(Phospho Thr369) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01306
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human RBL1 around the phosphorylation site of Thr369. AA range:335-384
Mol wt	120847
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Retinoblastoma-like protein 1
Synonyms	Retinoblastoma-like protein 1; RBL1; Retinoblastoma-like protein 1; 107 kDa retinoblastoma-associated protein; p107; pRb1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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
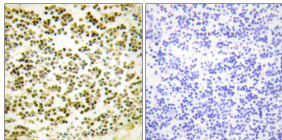
Recommended Dilution

IHC-p: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

Images

Immunohistochemistry analysis of paraffin-embedded human lymph node, using RBL1 (Phospho-Thr369) Antibody. The picture on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year