



p107 (phospho Thr369) rabbit pAb

Cat No.:ES7011

For research use only

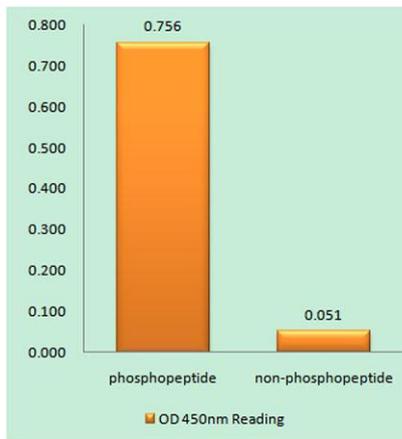
Overview

Product Name	p107 (phospho Thr369) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human RBL1 around the phosphorylation site of Thr369. AA range:335-384
Specificity	Phospho-p107 (T369) Polyclonal Antibody detects endogenous levels of p107 protein only when phosphorylated at T369.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Retinoblastoma-like protein 1
Gene Name	RBL1
Cellular localization	Nucleus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	5933
Human Swiss-Prot Number	P28749
Alternative Names	RBL1; Retinoblastoma-like protein 1; 107 kDa retinoblastoma-associated protein; p107; pRb1
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



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using RBL1 (Phospho-Thr369) Antibody

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

