

Product Name: Phospho-p107 (Thr369) Rabbit Polyclonal Antibody
Catalog #: APRab00840

Summary

Production Name	Phospho-p107 (Thr369) Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	IHC-P,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Chromatography

Immunogen

Gene Name	RBL1
Alternative Names	PRB1; p107; CP107
Gene ID	5933
SwissProt ID	P28749

Application

Dilution Ratio	IHC: 1/50-1/100 ELISA: 1/10000
Molecular Weight	-

Background

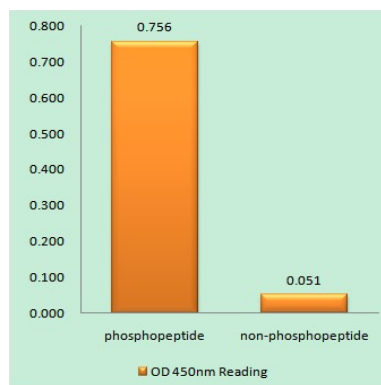
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Key regulator of entry into cell division. Directly involved in heterochromatin formation by maintaining overall chromatin structure and, in particular, that of constitutive heterochromatin by stabilizing histone methylation. Recruits and targets histone methyltransferases KMT5B and KMT5C, leading to epigenetic transcriptional repression. Controls histone H4 'Lys-20' trimethylation. Probably acts as a transcription repressor by recruiting chromatin-modifying enzymes to promoters. Potent inhibitor of E2F-mediated trans-activation. Forms a complex with adenovirus E1A and with SV40 large T antigen. May bind and modulate functionally certain cellular proteins with which T and E1A compete for pocket binding. May act as a tumor suppressor.

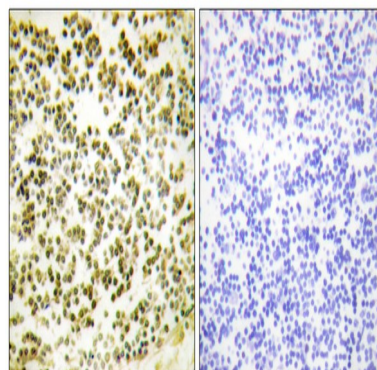
Research Area

Cell Biology

Image Data



EnzymeLinked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phospho-peptide (Phospho-left) and NonPhospho-peptide (Phospho-right), using RBL1 (Phospho-Thr36antibody



Immunohistochemical analysis of paraffin-embedded Human tonsils using Phospho-p107 (Thr369) antibody. Sample with blocking peptide on the right. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Note

For research use only.