

Datasheet for ABIN7167788
anti-p107 antibody (AA 201-500) (Biotin)



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Overview

Quantity:	100 µg
Target:	p107 (RBL1)
Binding Specificity:	AA 201-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p107 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Retinoblastoma-like protein 1 protein (201-500AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	p107 (RBL1)
Alternative Name:	RBL1 (RBL1 Products)
Background:	Background: Key regulator of entry into cell division. Directly involved in heterochromatin formation by maintaining overall chromatin structure and, in particular, that of constitutive

Target Details

heterochromatin by stabilizing histone methylation. Recruits and targets histone methyltransferases SUV420H1 and SUV420H2, 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.

Aliases: 107 kDa retinoblastoma-associated protein antibody, Cellular protein 107 antibody, Cellular protein p107 antibody, CP107 antibody, MGC40006 antibody, p107 antibody, PRB1 antibody, RBL1 antibody, RBL1_HUMAN antibody, Retinoblastoma like protein 1 antibody, retinoblastoma-like 1 (p107) antibody, Retinoblastoma-like protein 1 antibody

UniProt: [P28749](#)

Pathways: [Cell Division Cycle, Mitotic G1-G1/S Phases](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.