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# Datasheet for ABIN7167787 anti-p107 antibody (AA 201-500)

Image



#### Overview

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

#### Product Details

Immunogen:	Recombinant Human Retinoblastoma-like protein 1 protein (201-500AA)
Isotype:	lgG
Cross-Reactivity:	Human, Mouse
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

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	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

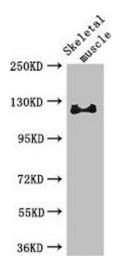
## Application Details

Application Notes:	Recommended dilution: WB:1:2000-1:5000,
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.

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#### Western Blotting

**Image 1.** Western Blot Positive WB detected in: Mouse skeletal muscle tissue All lanes: RBL1 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 121, 115 kDa Observed band size: 121 kDa

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