

Datasheet for ABIN7167789

**anti-p107 antibody (AA 201-500) (FITC)**[Go to Product page](#)

## 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 FITC |
| Application:         | Please inquire                           |

## 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 ( <a href="#">RBL1 Products</a> )                                                                                                                                                    |
| 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:  | <a href="#">P28749</a>                                      |
| Pathways: | <a href="#">Cell Division Cycle, Mitotic G1-G1/S Phases</a> |

## Application Details

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                    |                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                            |
| Buffer:            | Preservative: 0.03 % Proclin 300<br>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.                                                     |