

Datasheet for ABIN5008121

anti-p107 antibody (pThr369) (AbBy Fluor® 680)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	p107 (RBL1)
Binding Specificity:	pThr369
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This p107 antibody is conjugated to AbBy Fluor® 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human p107 around the phosphorylation site of Thr369
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	p107 (RBL1)
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Target Details

Alternative Name:	p107 (RBL1 Products)
Background:	<p>Synonyms: RBL1phospho T369, 107 kDa retinoblastoma-associated protein, Cellular protein 107, Cellular protein p107, CP107, MGC40006, p107, PRB1, RBL1, RBL1_HUMAN, Retinoblastoma like protein 1, retinoblastoma-like 1 p107, Retinoblastoma-like protein 1.</p> <p>Background: p107 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 have been found for this gene.</p>
Gene ID:	5933
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases

Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months