

## RB1CC1 Polyclonal Antibody

Catalog number: 10069-1-AP

Size: 42 µg/150 µl

Source: Rabbit

Isotype: IgG

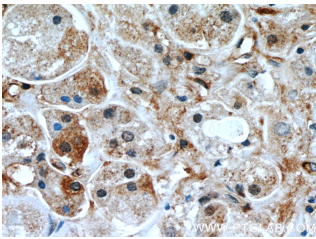
Synonyms:

RB1CC1; CC1, DRAGOU14,

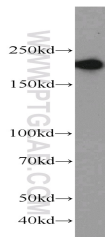
FIP200, KIAA0203, RB1

inducible coiled coil 1, RB1CC1,

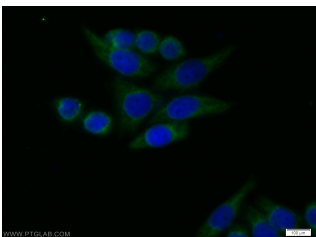
RBICC



Immunohistochemistry of paraffin-embedded human breast cancer slide using 10069-1-AP (RB1CC1 Antibody) at dilution of 1:50



MCF7 cells were subjected to SDS PAGE followed by western blot with 10069-1-AP (RB1CC1 antibody) at dilution of 1:1000



Immunofluorescent analysis of HeLa cells using 10069-1-AP (RB1CC1 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

### Background

RB1CC1, also named as RBICC, is implicated in the regulation of RB1 expression and functions as a DNA-binding transcription factor. It is a potent regulator of the RB1 pathway and a mediator that plays a crucial role in muscular differentiation. Its expression is, thus, a prerequisite for myogenic differentiation. Involved in autophagy. RB1CC1 is required for autophagosome formation. It is probably involved in the tumorigenesis of breast cancer. RB1CC1 is frequently mutated in breast cancer and shows characteristics of a classical tumor suppressor gene. This antibody is a rabbit polyclonal antibody raised against residues near the C terminus of human RB1CC1.

### Applications

Tested applications:	ELISA, WB, IHC, IF
Species specificity:	Human, Mouse; other species not tested.
Calculated RB1CC1 MW:	1594aa, 183 kDa
Observed RB1CC1 MW:	180-200 kDa
Positive WB detected in	MCF7 cells, HeLa cells, mouse skeletal muscle tissue, NIH/3T3 cells
Positive IHC detected in	Human breast cancer tissue
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag0003
GenBank accession number:	BC017556
Gene ID (NCBI):	9821
Full name:	RB1-inducible coiled-coil 1

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.