

For Research Use Only

# CoraLite® Plus 488-conjugated RB1CC1 Polyclonal antibody

Catalog Number: CL488-17250

Featured Product



## Basic Information

Catalog Number:

CL488-17250

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10508

GenBank Accession Number:

BC017556

GeneID (NCBI):

9821

UNIPROT ID:

Q8TDY2

Full Name:

RB1-inducible coiled-coil 1

Calculated MW:

1594 aa, 183 kDa

Observed MW:

200 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

WB

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HEK-293 cells, K-562 cells

## Background Information

RB1CC1, also named as RBICC or FIP200, 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. the calculated molecular weight of RB1CC1 is 180 kDa, but the modified RB1CC1 is about 200 kDa.

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

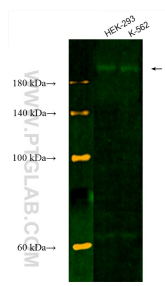
For technical support and original validation data for this product please contact:

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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL488-17250 (RB1CC1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.