

For Research Use Only

# CoraLite® Plus 488-conjugated NAC1 Polyclonal antibody

Catalog Number: CL488-14551



## Basic Information

Catalog Number:

CL488-14551

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6096

GenBank Accession Number:

BC055396

GeneID (NCBI):

112939

UNIPROT ID:

Q96RE7

Full Name:

nucleus accumbens associated 1, BEN and BTB (POZ) domain containing

Calculated MW:

57 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse

Positive Controls:

IF/ICC : MCF-7 cells,

## Background Information

NACC1, also named as BTBD14B and NAC1, belongs to the BTB/POZ family. NACC1 is a transcriptional repressor, which is amplified and overexpressed in various human cancers and plays critical roles in tumor development, progression, and drug resistance (PMID: 31101655). NACC1 has 1 isoform with the molecular mass of 57 kDa. While NACC1 has been shown to repress the transcription of two tumor suppressors, Gadd45-g and Gadd45-g-interacting protein 1, scientists have found that NACC1 also plays an important role in nontranscriptional function, for example, it can act as a bridge for MAVS and TBK1 in RLR-mediated signaling (PMID: 31235549).

## 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:

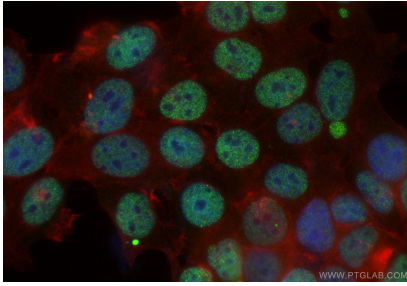
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using CoraLite® Plus 488 NAC1 antibody (CL488-14551) at dilution of 1:200, CL594-Phalloidin (red).