

For Research Use Only

CoraLite® Plus 488-conjugated NAC1 Polyclonal antibody

Catalog Number: CL488-14551



Basic Information

Catalog Number: CL488-14551	GenBank Accession Number: BC055396	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 112939	Recommended Dilutions: IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q96RE7	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Full Name: nucleus accumbens associated 1, BEN and BTB (POZ) domain containing	
Immunogen Catalog Number: AG6096	Calculated MW: 57 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : MCF-7 cells,
Species Specificity: human, mouse	

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).

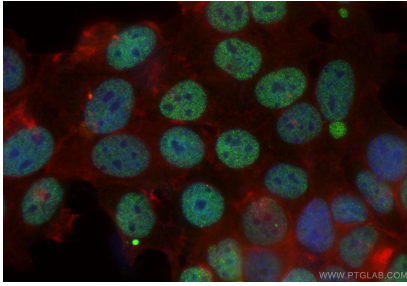
Storage

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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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).