

For Research Use Only

# CoraLite® Plus 488-conjugated BIN1 Polyclonal antibody

Catalog Number: CL488-14647

Featured Product



## Basic Information

Catalog Number:

CL488-14647

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6240

GenBank Accession Number:

BC004101

GeneID (NCBI):

274

UNIPROT ID:

O00499

Full Name:

bridging integrator 1

Calculated MW:

65 kDa

Observed MW:

50-65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse, rat

Positive Controls:

IF-P : mouse brain tissue,

## Background Information

BIN1 (Bridging integrator 1), also known as amphiphysin II or Myc box-dependent-interacting protein 1, is a ubiquitous nucleocytoplasmic adaptor protein that was identified initially as an MYC-interacting proapoptotic tumor suppressor. Alternative splicing of the gene results in multiple transcript variants encoding different isoforms. BIN1 is a key regulator of different cellular functions, including endocytosis and membrane recycling, cytoskeleton regulation, DNA repair, cell cycle progression, and apoptosis (PMID: 24590001).

## 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:

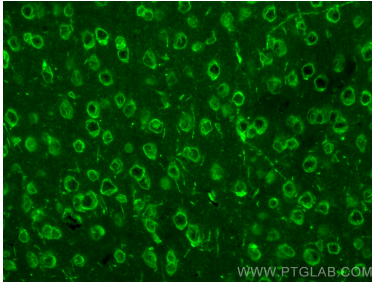
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using CoraLite® Plus 488 BIN1 antibody (CL488-14647) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).