

For Research Use Only

# CoraLite® Plus 750-conjugated N4BP3 Recombinant antibody



Catalog Number:CL750-83178-2

## Basic Information

Catalog Number:

CL750-83178-2

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10194

GenBank Accession Number:

BC053323

GeneID (NCBI):

23138

UNIPROT ID:

O15049

Full Name:

Nedd4 binding protein 3

Calculated MW:

544 aa, 60 kDa

Observed MW:

65-70 kDa

Purification Method:

Protein A purification

CloneNo.:

230547D12

Recommended Dilutions:

WB 1:500-1:2000

Excitation/Emission maxima

wavelengths:

755 nm / 780 nm

## Applications

Tested Applications:

WB, FC (Intra)

Species Specificity:

human

Positive Controls:

WB : MCF-7 cells,

## Background Information

N4BP3, also named as KIAA0341, a Fezzin family member, during nerve cell development. It is crucial for axonal and dendritic branching in developing neurons. It binds the protein NEDD4 and interacts with 14-3-3 proteins. N4BP3 is present in early neurites, growth cones, axons and dendrites of developing primary hippocampal neurons.

## 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:

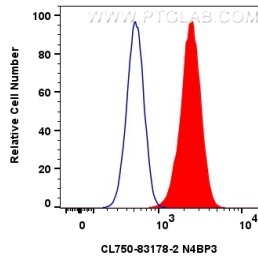
T: 4006900926

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

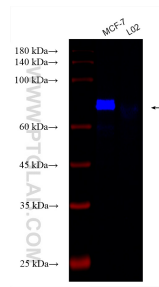
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## Selected Validation Data



1x10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.8 ug Coralite® Plus 750 N4bp3 Recombinant Antibody (CL750-83178-2, Clone:230547D12)(red), or 0.8 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Various lysates were subjected to SDS PAGE followed by western blot with CL750-83178-2 (N4BP3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.