

For Research Use Only

CoraLite® Plus 750-conjugated N4BP3 Recombinant antibody

Catalog Number:CL750-83178-2



Basic Information

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|---|--|---|
| Catalog Number: CL750-83178-2 | GenBank Accession Number: BC053323 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI): 23138 | CloneNo.: 230547D12 |
| Source: Rabbit | UNIPROT ID: O15049 | Recommended Dilutions: WB 1:500-1:2000 |
| Isotype: IgG | Full Name: Nedd4 binding protein 3 | Excitation/Emission maxima wavelengths: 755 nm / 780 nm |
| Immunogen Catalog Number: AG10194 | Calculated MW: 544 aa, 60 kDa | |
| | Observed MW: 65-70 kDa | |

Applications

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| Tested Applications: WB, FC (Intra) | Positive Controls: WB : MCF-7 cells, |
| Species Specificity: human | |

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.

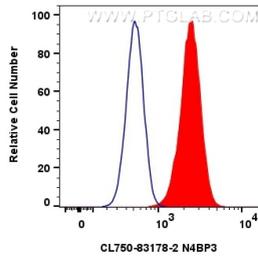
Storage

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

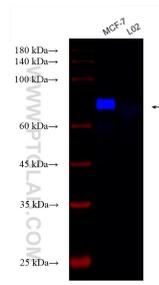
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1×10^6 MCF-7 cells were intracellularly stained with 0.8 μ g Coralite® Plus 750 N4bp3 Recombinant Antibody (CL750-83178-2, Clone:230547D12)(red), or 0.8 μ g 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.