

For Research Use Only

CoraLite® Plus 488-conjugated CNPY2, MSAP Polyclonal antibody



Catalog Number: CL488-14635

Featured Product

Basic Information

Catalog Number: CL488-14635	GenBank Accession Number: BC065015	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 10330	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Source: Rabbit	Full Name: canopy 2 homolog (zebrafish)	
Isotype: IgG	Calculated MW: 21 kDa	
Immunogen Catalog Number: AG6214	Observed MW: 17-21 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human, mouse, rat

Background Information

CNPY2, also named as MSAP, TMEM4 and ZSIG9, is a positive regulator of neurite outgrowth. It interacts with the ezrin-radixin-moesin (ERM)-like myosin regulatory light chain-interacting protein (MIR), and the two proteins are co-localized in cell lines and in primary neurons. CNPY2 can stabilize MRLC and thus bring about an increase in neurite outgrowth. (PMID: 12826659) This antibody is specific to CNPY2.

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

*** 20ul sizes contain 0.1% BSA

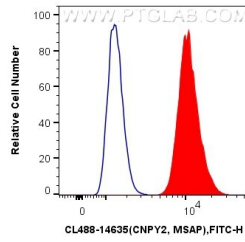
For technical support and original validation data for this product please contact:

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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



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human CNPY2, MSAP (CL488-14635) (red), or 0.4 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).