

For Research Use Only

CoraLite® Plus 488-conjugated CNPase Polyclonal antibody



Catalog Number: CL488-13427

Basic Information

Catalog Number: CL488-13427	GenBank Accession Number: BC028040	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1267	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Source: Rabbit	Full Name: 2',3'-cyclic nucleotide 3' phosphodiesterase	
Isotype: IgG	Calculated MW: 421 aa, 48 kDa	
Immunogen Catalog Number: AG4227	Observed MW: 45-48 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

Background Information

CNP(2',3'-cyclic-nucleotide 3'-phosphodiesterase) belongs to the cyclic nucleotide phosphodiesterase family. It plays an essential role in axonal survival but not in myelin assembly, coupling oligodendroglial functions in axonal support and myelination. This protein has 2 isoforms produced by alternative splicing with molecular mass of 45 and 48 kDa.

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

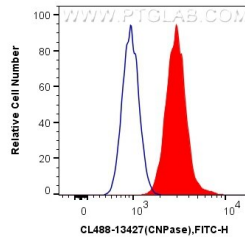
For technical support and original validation data for this product please contact:

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Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human CNPase (CL488-13427) (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).