

For Research Use Only

CoraLite® Plus 555-conjugated VAPB Polyclonal antibody

Catalog Number: CL555-14477

Featured Product



Basic Information

Catalog Number:

CL555-14477

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5857

GenBank Accession Number:

BC001712

GeneID (NCBI):

9217

UNIPROT ID:

O95292

Full Name:

VAMP (vesicle-associated membrane protein)-associated protein B and C

Calculated MW:

27 kDa

Observed MW:

27 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

FC (Intra): 0.20 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

554 nm / 570 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

FC (Intra) : Jurkat cells, HepG2 cells

Background Information

Vesicle-associated membrane protein-associated protein B (VAPB) is an integral membrane protein localized to the endoplasmic reticulum (ER) membrane. VAPB has been implicated in various cellular processes, including ER stress, the unfolded protein response (UPR) and calcium homeostasis regulation. The mutations in the gene of VAPB cause amyotrophic lateral sclerosis 8 (ALS8) and some other related forms of motor neuron disease including late onset spinal muscular atrophy.

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

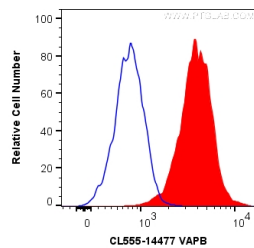
T: 4006900926

E: Proteintech-CN@ptglab.com

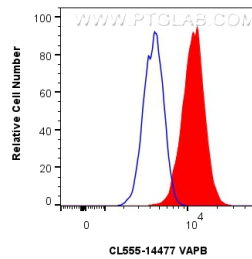
W: ptgcn.com

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Selected Validation Data



1x10⁶ Jurkat cells were intracellularly stained with 0.2 ug CoraLite® Plus 555 Anti-Human VAPB (CL555-14477) (red), or 0.2 ug Rabbit IgG CL555-30000(blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.



1x10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 555-conjugated VAPB Polyclonal antibody (CL555-14477)(red), or 0.4 ug CoraLite® 555-conjugated Rabbit IgG control Rabbit PolyAb (CL555-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.