

For Research Use Only

# CoraLite® Plus 555-conjugated VAPB Polyclonal antibody



Catalog Number: CL555-14477

Featured Product

## Basic Information

<b>Catalog Number:</b> CL555-14477	<b>GenBank Accession Number:</b> BC001712	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1 mg/mL by Nanodrop;	<b>GeneID (NCBI):</b> 9217	<b>Excitation/Emission maxima wavelengths:</b> 554 nm / 570 nm
<b>Source:</b> Rabbit	<b>Full Name:</b> VAMP (vesicle-associated membrane protein)-associated protein B and C	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 27 kDa	
<b>Immunogen Catalog Number:</b> AG5857	<b>Observed MW:</b> 27 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human, mouse, rat

## 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, pH 7.3.

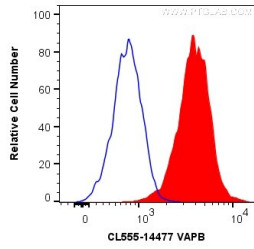
Aliquoting is unnecessary for -20°C storage

\*\*\* 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



1X10<sup>6</sup> 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 (PF00011-C).