

For Research Use Only

# CoraLite® Plus 488-conjugated VGLUT1 Polyclonal antibody



Catalog Number: **CL488-55491**

## Basic Information

**Catalog Number:**

CL488-55491

**Size:**

100ul , Concentration: 1000 µg/ml by 57030  
Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_020309

**GeneID (NCBI):**

57030

**UNIPROT ID:**

Q9P2U7

**Full Name:**

solute carrier family 17 (sodium-  
dependent inorganic phosphate  
cotransporter), member 7

**Calculated MW:**

62 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IF-P 1:50-1:500

**Excitation/Emission maxima  
wavelengths:**

493 nm / 522 nm

## Applications

**Tested Applications:**

IF-P, FC (Intra)

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

IF-P : mouse brain tissue,

## 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

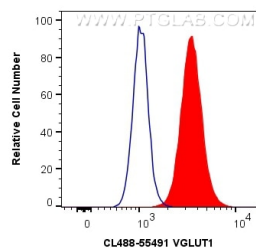
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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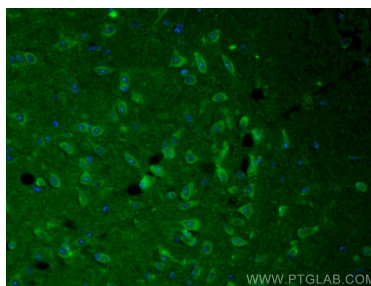
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## Selected Validation Data



1X10<sup>6</sup> SH-SY5Y cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human VGLUT1 (CL488-55491) (red), or 0.8 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 VGLUT1 antibody (CL488-55491) at dilution of 1:200.