For Research Use Only

CoraLite® Plus 488-conjugated Synaptophysin Polyclonal antibody

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Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number:CL488-17785

Basic Information

Catalog Number:
CL488-17785

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG11781

GenBank Accession Number:
BC064550

GeneID (NCBI):
6855

UNIPROT ID:
P08247

Full Name:
synaptophysin

Calculated MW:
313 aa, 34 kDa

Observed MW:
38-40 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

Species Specificity:
human, mouse, rat

Positive Controls:

IF-P : mouse pancreas tissue, mouse brain tissue

Background Information

Synaptophysin (SYP, also known as major synaptic vesicle protein p38) is a 38-kDa integral membrane glycoprotein that regulates synaptic vesicle endocytosis. It is the most abundant synaptic vesicle protein by mass. Synaptophysin is present in neuroendocrine cells and neurons that participate in synaptic transmission. Synaptophysin is a useful marker for identification of neuroendocrine cells and neoplasms. (PMID: 3010302; 21658579)

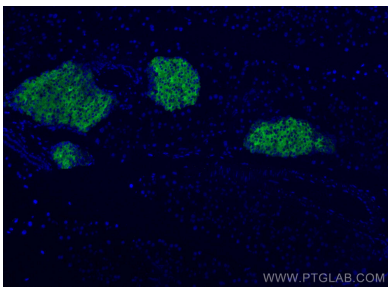
Storage

Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

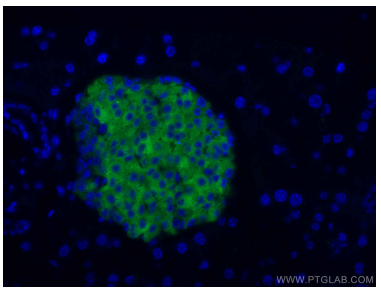
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse pancreas tissue using CoraLite® Plus 488 Synaptophysin antibody (CL488-17785) at dilution of 1:200.



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