

For Research Use Only

# CoraLite® Plus 647-conjugated Sortilin Polyclonal antibody

Catalog Number: CL647-12369

Featured Product



## Basic Information

Catalog Number:

CL647-12369

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2997

GenBank Accession Number:

BC023542

GeneID (NCBI):

6272

ENSEMBL Gene ID:

ENSG00000134243

UNIPROT ID:

Q99523

Full Name:

sortilin 1

Calculated MW:

831 aa, 92 kDa

Observed MW:

100-110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

## Applications

Tested Applications:

IF-P, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF-P: mouse brain tissue,

## Background Information

Sortilin 1 (SORT1), is a trans-Golgi network (TGN) transmembrane protein and is a member of the Vps10p domain receptor family. SORT1 binds a number of unrelated ligands that participate in a wide range of cellular processes. It functions as a sorting receptor in the Golgi compartment and as a clearance receptor on the cell surface.

## 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

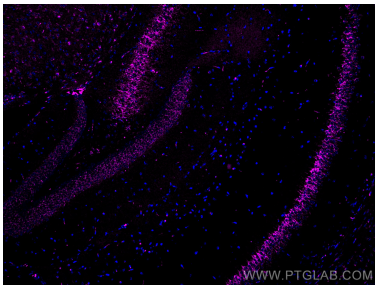
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

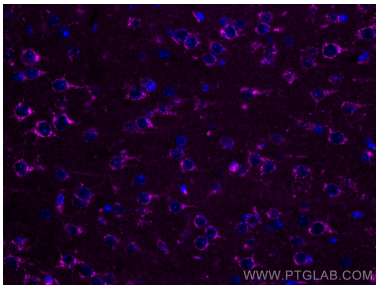
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 647 Sortilin antibody (CL647-12369) at dilution of 1:200.



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1X10<sup>6</sup> Neuro-2a cells were intracellularly stained with 0.4 ug CoraLite® Plus 647 Anti-Human Sortilin (CL647-12369) (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).