

For Research Use Only

CoraLite® Plus 488-conjugated SYNJ2BP Polyclonal antibody



Catalog Number: CL488-15666

Featured Product

Basic Information

Catalog Number:

CL488-15666

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8130

GenBank Accession Number:

BC007704

GeneID (NCBI):

55333

UNIPROT ID:

P57105

Full Name:

synaptojanin 2 binding protein

Calculated MW:

145 aa, 16 kDa

Observed MW:

16 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF : HepG2 cells,

Background Information

Activin, a member of the TGF-beta superfamily, plays important roles in reproductive tissues as a stimulator of follicle-stimulating hormone (FSH) secretion and inhibits the proliferation of breast cancer cells. Activin receptor-interacting protein 2 (ARIP2), also known as synaptojanin-2-binding protein (SYNJ2BP), is located in the outer membrane of mitochondria. ARIP2 is widely distributed in various human tissues, and has been recently identified in mouse tissues as a regulatory protein of activin signal transduction by interacting with activin type II receptors. ARIP2 may be a putative growth-promoting factor involved in breast tumorigenesis and tumor development. A double band of size 15.9 kDa can be detected in Western blot (PMID: 23284606).

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:

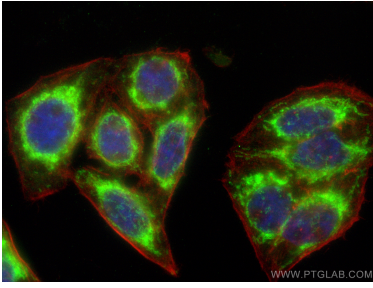
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 488 SYNJ2BP antibody (CL488-15666) at dilution of 1:200, CL594-Phalloidin (red).