

For Research Use Only

CoraLite® Plus 488-conjugated SPERT Polyclonal antibody

Catalog Number: CL488-17826

Featured Product



Basic Information

Catalog Number:

CL488-17826

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12200

GenBank Accession Number:

BC027609

GeneID (NCBI):

220082

UNIPROT ID:

Q8NA61

Full Name:

spermatid associated

Calculated MW:

448 aa, 47 kDa, 52 kDa

Observed MW:

48-52 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 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/ICC : PC-3 cells,

Background Information

SPERT (spermatid associated protein), also known as CBY2 (chibby homolog 2) or NURIT, is a novel leucine-zipper protein belonging to the chibby family of proteins [PMID:12204287]. Uniquely expressed in the spermatid flower-like structure, SPERT interacts with Nek1, a member of the NIMA-family kinase family that is associated centrosomal stability and ciliogenesis. It contains a leucine-zipper motif and two coiled-coil regions, and is transcribed through the elongation stage of the spermatids. SPERT is absent from mature spermatozoa and is thought to be involved in transporting proteins that are to be discarded via the residual bodies. [PMID:12204287]

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

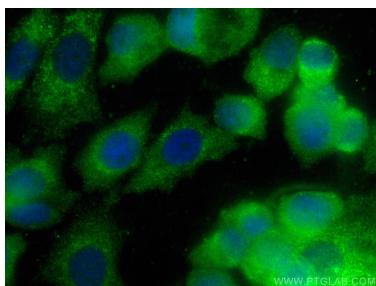
For technical support and original validation data for this product please contact:

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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 (-20°C Ethanol) fixed PC-3 cells using Coralite® Plus 488 SPERT antibody (CL488-17826) at dilution of 1:200.