

For Research Use Only

# CoraLite® Plus 488-conjugated ASUN Recombinant antibody

Catalog Number: CL488-84252-4



## Basic Information

Catalog Number:

CL488-84252-4

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13727

GenBank Accession Number:

BC003081

GeneID (NCBI):

55726

UNIPROT ID:

Q9NVM9

Full Name:

chromosome 12 open reading frame

11

Calculated MW:

706 aa, 80 kDa

Purification Method:

Protein A purification

CloneNo.:

241586E9

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

## Background Information

Asunder (ASUN) is a conserved protein that has been reported as a critical regulator of dynein localization during *Drosophila* spermatogenesis (PMID: 19357193). Mammalian and *Drosophila* ASUN proteins revealed that they are 43% identical and 64% similar. Human ASUN (also known as GCT1 or C12ORF11) promotes dynein recruitment and centrosomal tethering to the nucleus at mitotic entry (PMID: 23097494).

## 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:

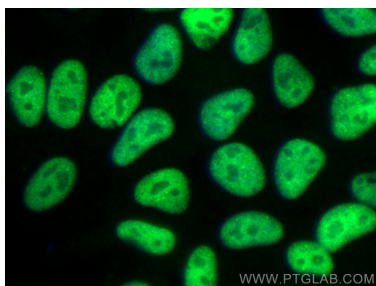
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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 HeLa cells using CoraLite® Plus 488 ASUN antibody (CL488-84252-4, Clone: 241586E9 ) at dilution of 1:200.