

For Research Use Only

CoraLite® Plus 488-conjugated ASNS Polyclonal antibody



Catalog Number: CL488-14681

Featured Product

Basic Information

Catalog Number:

CL488-14681

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6393

GenBank Accession Number:

BC014621

GeneID (NCBI):

440

UNIPROT ID:

P08243

Full Name:

asparagine synthetase

Calculated MW:

64 kDa

Observed MW:

55-64 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

Positive Controls:

IF/ICC : SH-SY5Y cells,

Background Information

Asparagine synthetase [glutamine-hydrolyzing](ASNS) is also named as TS11. The asparagine synthetase gene, encoding the enzyme that catalyzes the synthesis of asparagine and glutamate using glutamine and aspartate, is a gene for which transcription is highly regulated by the nutritional status of the cell (PMID:15385533). ASNS has some isoforms with the MW of 55-64 kDa.

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:

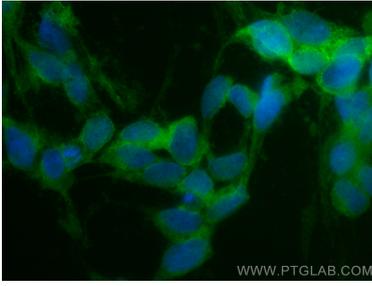
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using CoraLite® Plus 488 ASNS antibody (CL488-14681) at dilution of 1:200.