

For Research Use Only

CoraLite® Plus 488-conjugated DHPS Polyclonal antibody



Catalog Number: **CL488-11184**

Basic Information

Catalog Number:

CL488-11184

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1646

GenBank Accession Number:

BC014016

GeneID (NCBI):

1725

UNIPROT ID:

P49366

Full Name:

deoxyhypusine synthase

Calculated MW:

41 kDa

Observed MW:

40 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 : HeLa cells,

Background Information

DHPS(Deoxyhypusine synthase) catalyzes the conversion of lysine to deoxyhypusine residue on the eukaryotic initiation factor 5A (eIF-5A) precursor using spermidine as the substrate. It belongs to the deoxyhypusine synthase family. This protein has 3 isoforms produced by alternative splicing.

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:

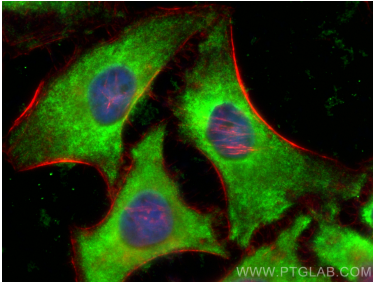
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Coralite® Plus 488 DHPS antibody (CL488-11184) at dilution of 1:200, CL594-Phalloidin (red).