

For Research Use Only

CoraLite® Plus 488-conjugated TERF2IP Polyclonal antibody



Catalog Number: CL488-14595

Basic Information

Catalog Number:

CL488-14595

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6130

GenBank Accession Number:

BC005841

GeneID (NCBI):

54386

UNIPROT ID:

Q9NYBO

Full Name:

telomeric repeat binding factor 2,
interacting protein

Calculated MW:

44 kDa

Observed MW:

60 kDa

Purification Method:

Antigen Affinity Purified

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

TERF2IP, also named as DRIP5, RAP1, is a 399 amino acid protein, which belongs to the RAP1 family. TERF2IP associates with chromosomes, both at telomeres and in extratelomeric sites. TERF2IP acts both as a regulator of telomere function and as a transcription regulator. TERF2IP is involved in the regulation of telomere length and protection as a component of the shelterin complex (telosome). In contrast to other components of the shelterin complex, it is dispensable for telomere capping and does not participate in the protection of telomeres against non-homologous end-joining (NHEJ)-mediated repair. The calculated molecular weight of TERF2IP is 44 kDa, but modified TERF2IP, is about 60 kDa. (PMID: 15838871)

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:

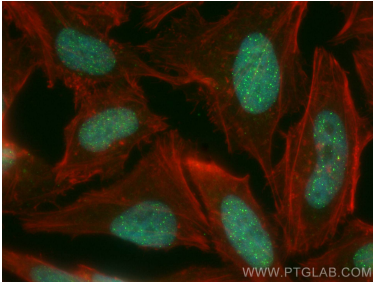
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 TERF2IP antibody (CL488-14595) at dilution of 1:200, CL594-phalloidin (red).