For Research Use Only

CoraLite®594-conjugated Centrin 1 Polyclonal antibody

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Antibodies | ELISA kits | Proteins
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Catalog Number:CL594-12794

Basic Information

Catalog Number:
CL594-12794

Size:
100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG3529

GenBank Accession Number:
BC029515

GeneID (NCBI):
1068

UNIPROT ID:
Q12798

Full Name:
centrin, EF-hand protein, 1

Calculated MW:
172 aa, 20 kDa

Purification Method:
Antigen Affinity Purified

Recommended Dilutions:
IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
IF

Species Specificity:
human

Positive Controls:

IF/ICC : HeLa cells,

Background Information

EF-hand type Ca2+-binding proteins consists of several family members, including Centrin-1, Centrin-2 and Centrin-3. The Centrin proteins are ubiquitously expressed cytoskeletal components that show increased expression during cell differentiation. Centrin-1 plays important roles in the determination of centrosome position and segregation, and in the process of microtubule severing. Centrin-1 is localized to the centrosome of interphase cells, and redistributes to the region of the spindle poles during mitosis, reflecting the dynamic behavior of the centrosome during the cell cycle.

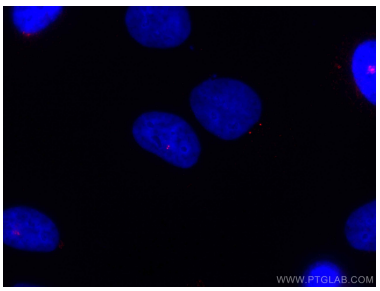
Storage

Storage:
Store at -20°C. Avoid exposure to light.
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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.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 (-20°C Ethanol) fixed HeLa cells using CoraLite®594 Centrin 1 antibody (CL594-12794) at dilution of 1:200.