

For Research Use Only

CoraLite®594-conjugated Centrin 1 Polyclonal antibody

Catalog Number:CL594-12794



Basic Information

Catalog Number: CL594-12794	GenBank Accession Number: BC029515	Purification Method: Antigen Affinity Purified
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 1068	Recommended Dilutions: IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q12798	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG	Full Name: centrin, EF-hand protein, 1	
Immunogen Catalog Number: AG3529	Calculated MW: 172 aa, 20 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : hTERT-RPE1 cells, HeLa cells
Species Specificity: human	

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.

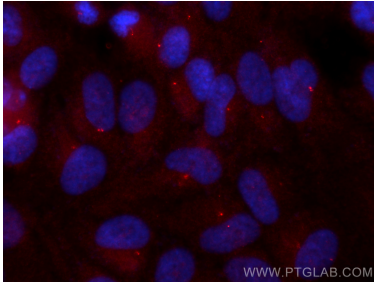
Storage

Storage:
Store at -20°C. Avoid exposure to light. 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

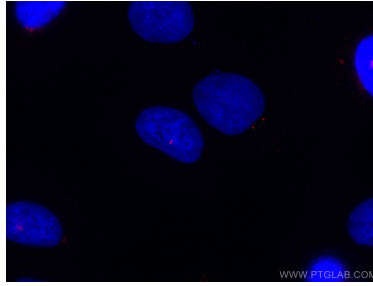
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using CoraLite® 594 Centrin 1 antibody (CL594-12794) at dilution of 1:200.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® 594 Centrin 1 antibody (CL594-12794) at dilution of 1:200.