

For Research Use Only

CoraLite®594-conjugated TCOF1 Recombinant antibody

Catalog Number:CL594-84914-5



Basic Information

Catalog Number: CL594-84914-5	GenBank Accession Number: BC014559	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 6949	CloneNo.: 242201F12
Source: Rabbit	UNIPROT ID: Q13428	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: Treacher Collins-Franceschetti syndrome 1	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG1447	Calculated MW: 97 kDa, 144 kDa, 152 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : MCF-7 cells,
Species Specificity: human	

Background Information

TCOF1 also known as treacle, is a nucleolar protein with a LIS1 homology domain. TCOF1 is involved in ribosomal DNA gene transcription by interacting with upstream binding factor (UBF). Mutations in TCOF1 have been associated with Treacher Collins syndrome, a disorder which includes abnormal craniofacial development(PMID: 31218872)

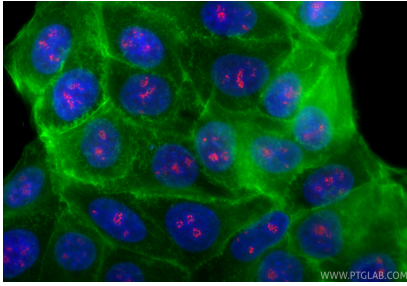
Storage

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, pH7.3
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 (4% PFA) fixed MCF-7 cells using CoraLite®594 TCOF1 antibody (CL594-84914-5, Clone: 242201F12) at dilution of 1:200, CL488-Phalloidin (green).