

For Research Use Only

CoraLite® Plus 488-conjugated TCOF1 Recombinant antibody

Catalog Number: CL488-84914-4



Basic Information

Catalog Number:

CL488-84914-4

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1447

GenBank Accession Number:

BC014559

GeneID (NCBI):

6949

UNIPROT ID:

Q13428

Full Name:

Treacher Collins-Franceschetti syndrome 1

Calculated MW:

97 kDa, 144 kDa, 152 kDa

Observed MW:

220-240 kDa

Purification Method:

Protein A purification

CloneNo.:

242201E12

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 : MCF-7 cells,

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:

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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® Plus 488 TCOF1 antibody (CL488-84914-4, Clone: 242201E12) at dilution of 1:200, CL594-Phalloidin (red).