

For Research Use Only

# TCOF1 Recombinant antibody, PBS Only

Catalog Number: 84914-4-PBS



## Basic Information

Catalog Number:

84914-4-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

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

## Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

## Background Information

TCOF1 also known as treacle, is a nucleolar protein with a U1S1 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 -80°C.

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

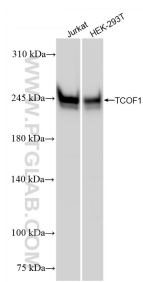
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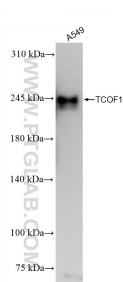
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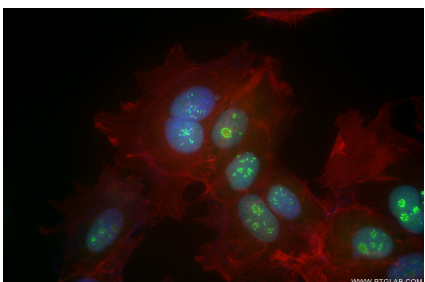
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84914-4-RR (TCOF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84914-4-PBS in a different storage buffer formulation.



A549 cells were subjected to SDS PAGE followed by western blot with 84914-4-RR (TCOF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84914-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using TCOF1 antibody (84914-4-RR, Clone: 242201E12 ) at dilution of 1:600 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84914-4-PBS in a different storage buffer formulation.