

For Research Use Only

TCOF1 Recombinant antibody

Catalog Number: 84914-4-RR



Basic Information

Catalog Number: 84914-4-RR	GenBank Accession Number: BC014559	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6949	CloneNo.: 242201E12
Source: Rabbit	UNIPROT ID: Q13428	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:300-1:1200
Isotype: IgG	Full Name: Treacher Collins-Franceschetti syndrome 1	
Immunogen Catalog Number: AG1447	Calculated MW: 97 kDa, 144 kDa, 152 kDa	
	Observed MW: 220-240 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : Jurkat cells, A549 cells, HEK-293T cells 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

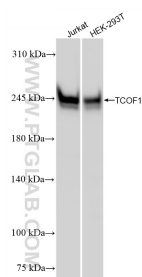
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

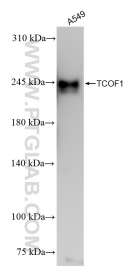
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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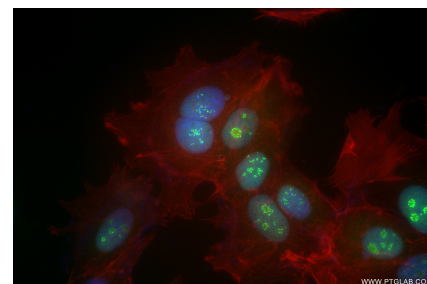
Selected Validation Data



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.



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.



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).