

For Research Use Only

TCOF1 Recombinant antibody

Catalog Number: 84914-5-RR



Basic Information

Catalog Number: 84914-5-RR	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 1:250-1:1000
Isotype: IgG	Full Name: Treacher Collins-Franceschetti syndrome 1	
Immunogen Catalog Number: AG1447	Calculated MW: 97 kDa, 144 kDa, 152 kDa	

Applications

Tested Applications: IF/ICC, ELISA	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

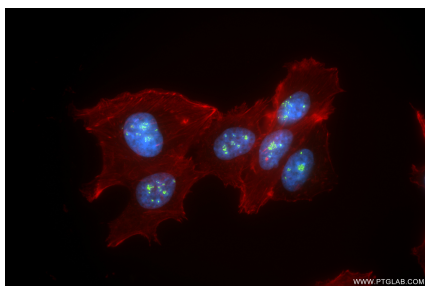
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

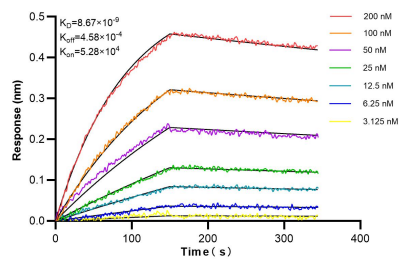
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using TCOF1 antibody (84914-5-RR, Clone: 242201F12) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 84914-5-RR against Human TCOF1 were performed. The affinity constant is 8.67 nM.