

Rabbit anti-Human, Mouse TCOF1 Polyclonal Antibody | anti-TCOF1 antibody

TCOF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323962	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

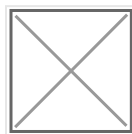
PRODUCT SYNONYMS

TCOF1; Polyclonal Antibody; TCOF1 Antibody; Mandibulofacial dysostosis; MFD1; Nucleolar trafficking phosphoprotein; TCOF 1; TCOF_HUMAN; TCS; TCS1; Treacher Collins Franceschetti syndrome 1; Treacher Collins syndrome; Treacher Collins syndrome protein; Treacle; Treacle protein; anti-TCOF1 antibody

PRODUCT SPECIFICATIONS

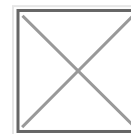
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	TCOF1 antibody detects endogenous levels of total TCOF1
Purity/Purification	Peptide affinity purification
Form/Format	IgG in Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TCOF1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TCOF1, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from mouse brain, using TCOF1 Antibody. Lane 1 was treated with the blocking peptide.



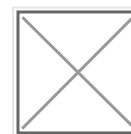
IF (Immunofluorescence)

AAA323962 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA323962 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using TCOF1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TCOF1 antibody	Function: Nucleolar protein that acts as a regulator of RNA polymerase I by connecting RNA polymerase I with enzymes responsible for ribosomal processing and modification (PubMed:12777385, PubMed:26399832). Required for neural crest specification: following monoubiquitination by the BCR(KBTBD8) complex, associates with NOLC1 and acts as a platform to connect RNA polymerase I with enzymes responsible for ribosomal processing and modification, leading to remodel the translational program of differentiating cells in favor of neural crest specification (PubMed:26399832).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	57164975
NCBI GeneID	6949
NCBI Accession #	NP_000347.2
NCBI GenBank Nucleotide #	NM_000356.3
UniProt Accession #	Q13428; Q6SC72; Q7Z5W9; Q96A52; Q99408; Q99860; A0JLU0; B4E111
Molecular Weight	152 KD
NCBI Official Full Name	treacle protein isoform b
NCBI Official Synonym Full Names	treacle ribosome biogenesis factor 1
NCBI Official Symbol	TCOF1
NCBI Official Synonym Symbols	TCS; MFD1; TCS1; treacle
NCBI Protein Information	treacle protein
UniProt Protein Name	Treacle protein
UniProt Gene Name	TCOF1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tcof1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323962>