

TCOF1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56369

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q13428
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	152106

Additional Information

Gene ID	6949
Other Names	Treacle protein, Treacher Collins syndrome protein, TCOF1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	TCOF1
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).
Cellular Location	Nucleus, nucleolus.

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