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anti-TCOF1 antibody (N-Term)

3 Images

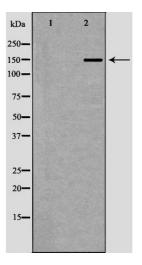


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Overview	
Quantity:	100 μL
Target:	TCOF1
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCOF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human TCOF1, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	TCOF1 Antibody detects endogenous levels of total TCOF1.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	TCOF1

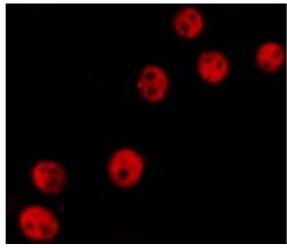
Target Details

polymerase I with enzymes responsible for ribosomal processing and modification (PubMed:12777385, PubMed:26399832). Required for neural crest specification: followin monoubiquitination by the BCR(KBTBD8) complex, associates with NOLC1 and acts as a platform to connect RNA polymerase I with enzymes responsible for ribosomal processin modification, leading to remodel the translational program of differentiating cells in favor neural crest specification (PubMed:26399832). Gene: TCOF1 Molecular Weight: 152kDa Gene ID: 6949 UniProt: Q13428 Application Details Application Notes: WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000 Restrictions: For Research Use only Handling Format: Liquid Concentration: 1 mg/mL Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and glycerol. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Storage -20 °C Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt.	Alternative Name:	TCOF1 (TCOF1 Products)
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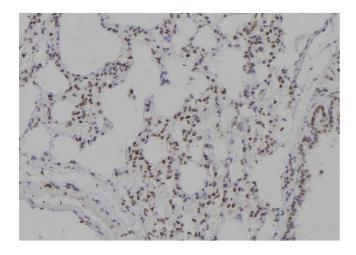
Western Blotting

Image 1. Western blot analysis of Jurkat whole cell lysates, using TCOF1 Antibody. The lane on the left is treated with the antigen-specific peptide.



Immunofluorescence (fixed cells)

Image 2. ABIN6277236 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¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibod



Immunohistochemistry

Image 3. ABIN6277236 at 1/100 staining Rat lung 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_{i} ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary