9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-T-Complex 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1797

Product Overview

Name	KD-Validated Anti-T-Complex 1 Rabbit Monoclonal Antibody
Accession(Primary)	P17987
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human TCP1 alpha
Species Reactivity	Human
Calculated MW	Predicted, 60 kDa, Observed, 50 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (P17987)

Gene Name	GK
About Gene Symbol	TCP1 (T-Complex 1) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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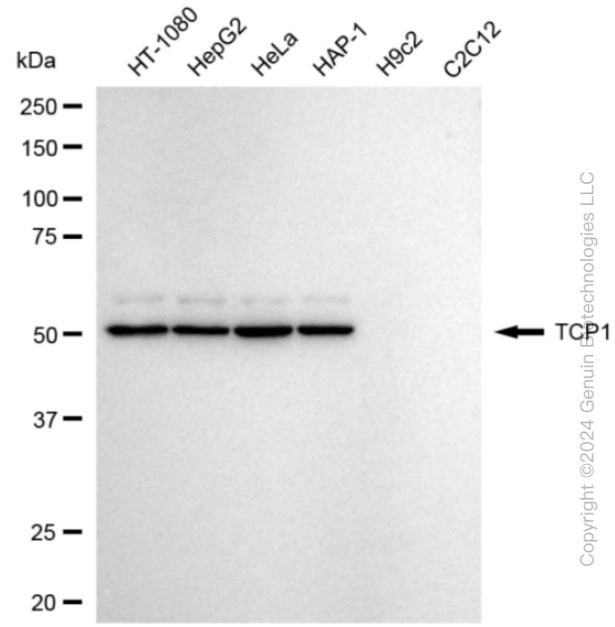

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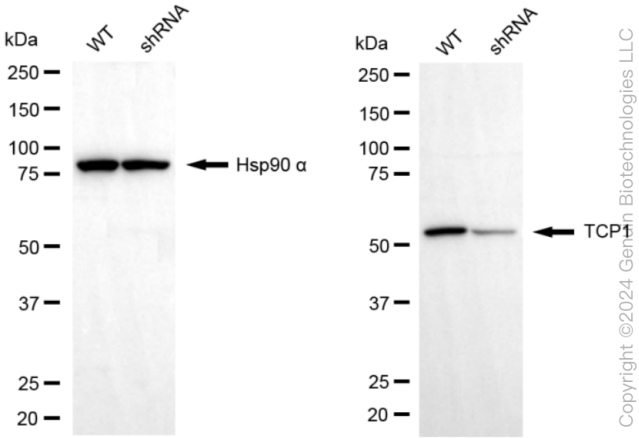
Western blotting analysis using anti-TCP1 antibody (Cat#ABG1797). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TCP1 antibody (Cat#ABG1797, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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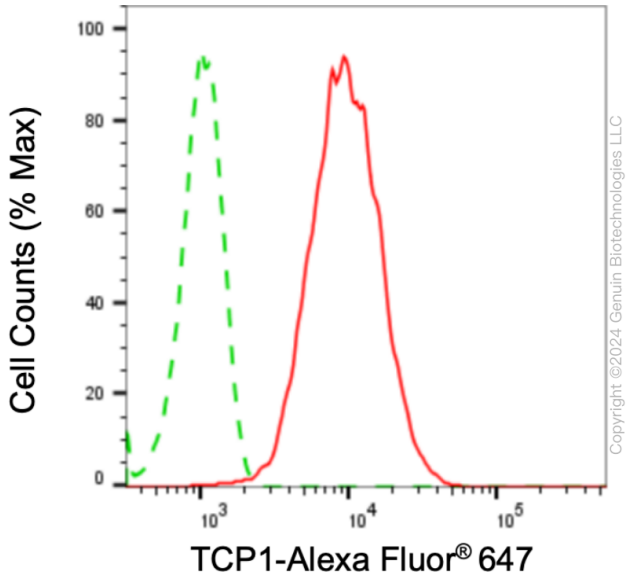
Western blotting analysis using anti-TCP1 antibody (Cat#ABG1797). TCP1 expression in wild type (WT) and TCP1 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-TCP1 antibody (Cat#ABG1797, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of TCP1 expression in HepG2 cells using anti-TCP1 antibody (Cat#ABG1797, 1:2,000). Green, isotype control; red, TCP1.

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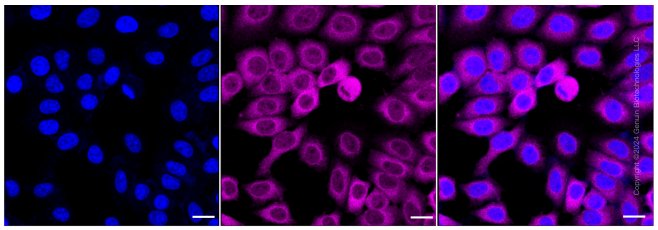

Immunocytochemical staining of HepG2 cells with anti-TCP1 antibody (Cat#ABG1797, 1:1,000). Nuclei were stained blue with DAPI; TCP1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.