9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Transcription Factor 7 Like 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1379

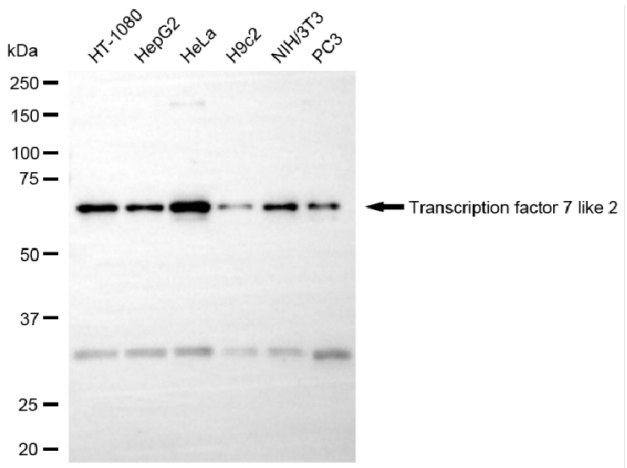
Product Overview

Name	KD-Validated Anti-Transcription Factor 7 Like 2 Rabbit Monoclonal Antibody
Accession(Primary)	Q9NQB0
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human TCF7L2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 68 kDa; observed, 68 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:4,000-1:20,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q9NQB0)

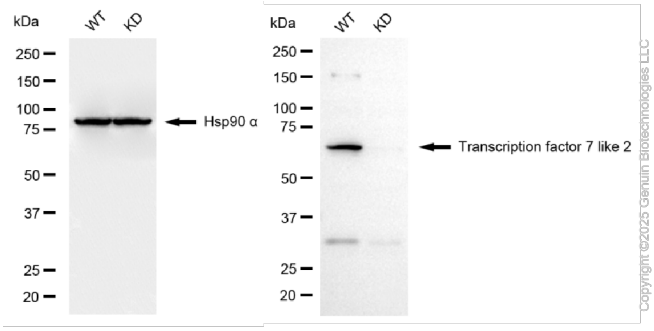
Gene Name	TCF7L2
About Gene Symbol	TCF7L2 (Transcription Factor 7 Like 2) is a transcription factor involved in gene transcription and regulation. It is an important research target in gene regulation, development, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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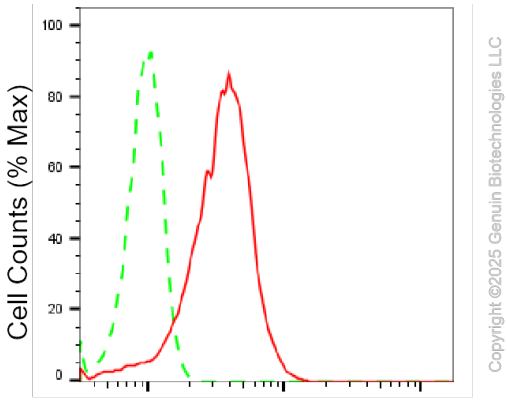
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Western blotting analysis using anti-transcription factor 7 like 2 antibody (Cat#ABG1379). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-transcription factor 7 like 2 antibody (Cat#ABG1379, 1:20,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



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Western blotting analysis using anti-transcription factor 7 like 2 antibody (Cat#ABG1379). Transcription factor 7 like 2 expression in wild-type (WT) and transcription factor 7 like 2 (TCF7L2) knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-transcription factor 7 like 2 antibody (Cat#ABG1379, 1:2,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

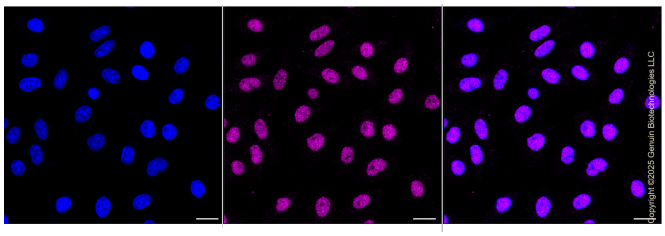


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Transcription factor 7 like 2-Alexa Fluor® 647

Flow cytometric analysis of Transcription factor 7 like 2 expression in HepG2 cells using anti-Transcription factor 7 like 2 antibody (Cat#ABG1379, 1:2,000). Green, isotype control; red, Transcription factor 7 like 2.

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Immunocytochemical staining of HepG2 cells with anti-Transcription factor 7 like 2 antibody (Cat#ABG1379, 1:1,000). Nuclei were stained blue with DAPI; Transcription factor 7 like 2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.