9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-TFAP2A Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1731

Product Overview

Name	KD-Validated Anti-TFAP2A Rabbit Monoclonal Antibody
Accession(Primary)	P05549
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human AP2 alpha
Species Reactivity	Human, Rat
Calculated MW	Predicted, 48 kDa , observed , 48 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 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (P05549)

Gene Name	TFAP2A
About Gene Symbol	TFAP2A (Transcription Factor AP-2 Alpha) 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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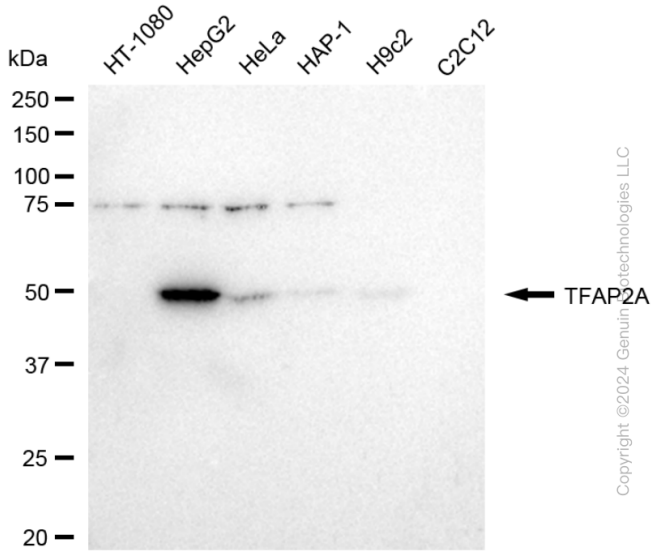
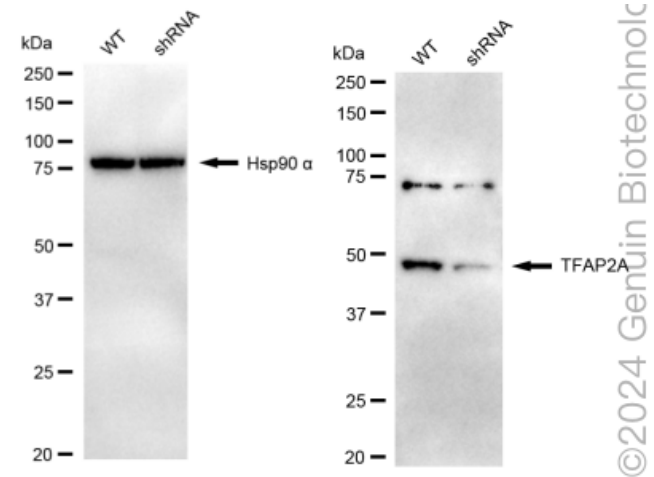
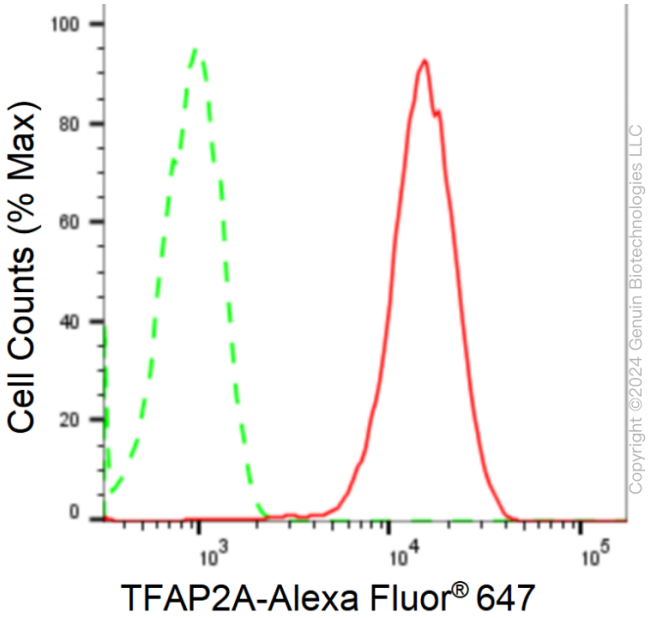


Western blotting analysis using anti-TFAP2A antibody (Cat#ABG1731). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-TFAP2A antibody (Cat#ABG1731, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-TFAP2A antibody (Cat#ABG1731). TFAP2A expression in wild type (WT) and TFAP2A shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-TFAP2A antibody (Cat#ABG1731, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of TFAP2A expression in HepG2 cells using anti-TFAP2A antibody (Cat#ABG1731, 1:2,000). Green, isotype control; red, TFAP2A.

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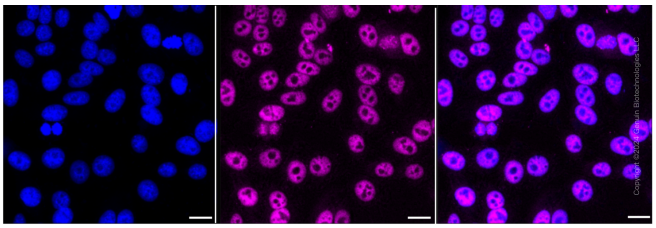

Immunocytochemical staining of HepG2 cells with anti-TFAP2A antibody (Cat#ABG1731, 1:1,000). Nuclei were stained blue with DAPI; TFAP2A was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.