9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-AP2S1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1229

Product Overview

Name	KD-Validated Anti-AP2S1 Rabbit Monoclonal Antibody
Accession(Primary)	P53680
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human AP2S1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 17 kDa , observed, 17 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): 1:1,000

Target information (P53680)

Gene Name	AP2S1
About Gene Symbol	AP2S1 (Adaptor Related Protein Complex 2 Subunit Sigma 1) is a signaling adaptor protein involved in receptor-mediated signaling. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate

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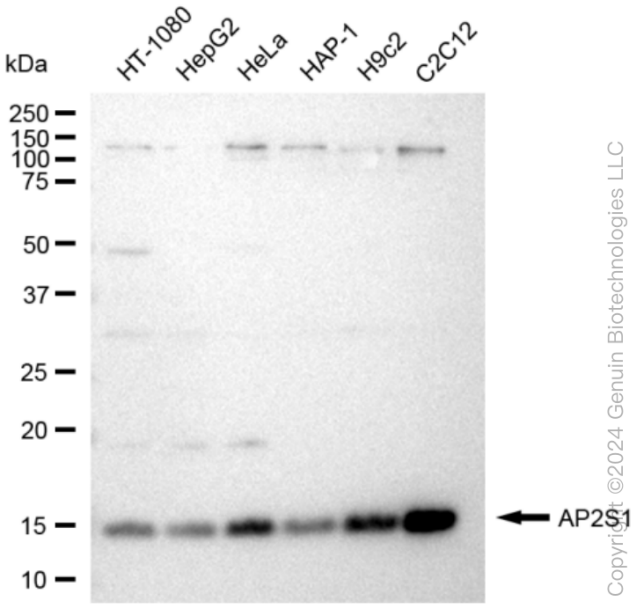

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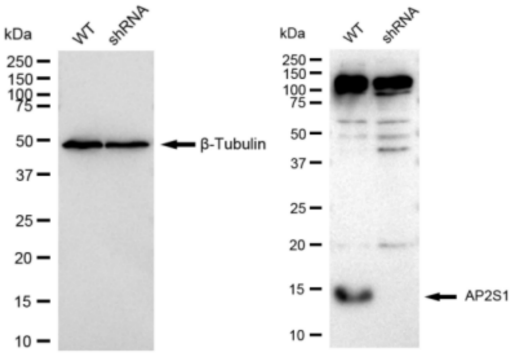
Western blotting analysis using anti-AP2S1 antibody (Cat#ABG1229). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-AP2S1 antibody (Cat#ABG1229, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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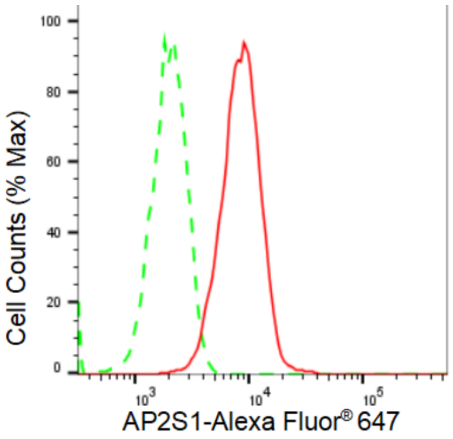
Western blotting analysis using anti-AP2S1 antibody (Cat#ABG1229). AP2S1 expression in wild type (WT) and AP2S1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-AP2S1 antibody (Cat#ABG1229, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of AP2S1 expression in C2C12 cells using AP2S1 antibody (Cat#ABG1229, 1:2000). Green, isotype control; red, AP2S1.

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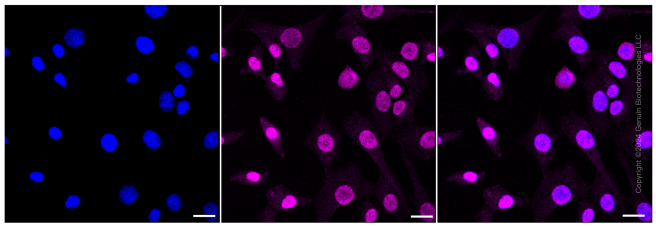

Immunocytochemical staining of C2C12 cells with AP2S1 antibody (Cat#ABG1229, 1:1,000). Nuclei were stained blue with DAPI; AP2S1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.