

KD-Validated Anti-AP1G1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

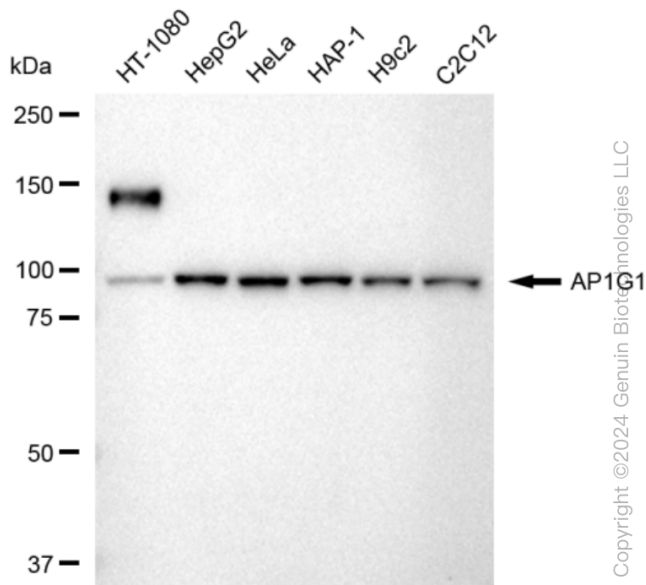
ABG1342

Product Overview

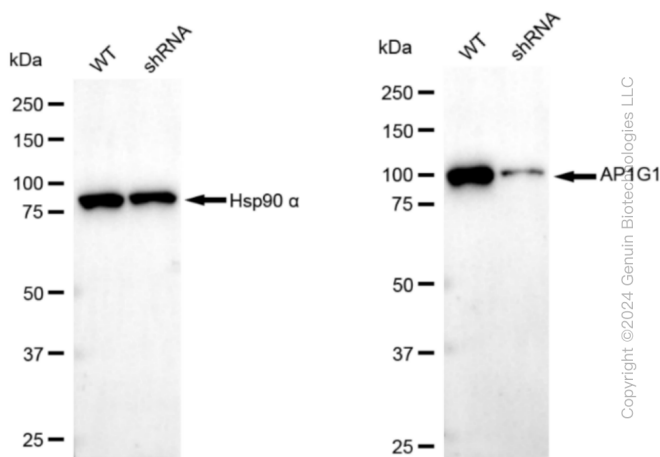
Name	KD-Validated Anti-AP1G1 Rabbit Monoclonal Antibody
Accession(Primary)	O43747
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human AP1G1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 91 kDa, observed, 98 kDa
Storage Buffer	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 (O43747)

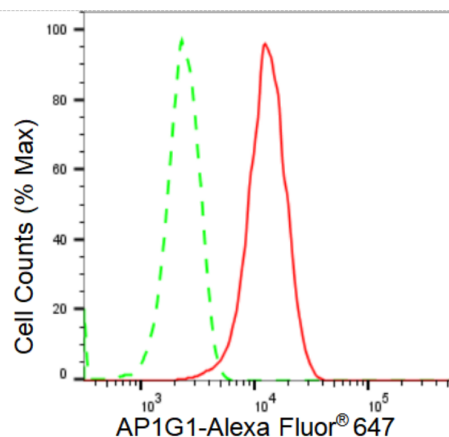
Gene Name	AP1G1
About Gene Symbol	AP1G1 (Adaptor Related Protein Complex 1 Subunit Gamma 1) is a signaling adaptor protein involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to e



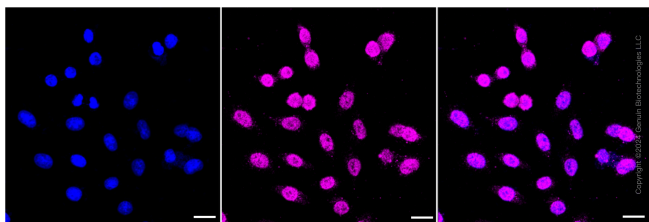
Western blotting analysis using anti-AP1G1 antibody (Cat#ABG1342). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-AP1G1 antibody (Cat#ABG1342, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-AP1G1 antibody (Cat#ABG1342). AP1G1 expression in wild type (WT) and AP1G1 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-AP1G1 antibody (Cat#ABG1342, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of AP1G1 expression in HepG2 cells using AP1G1 antibody (Cat#ABG1342, 1:2,000). Green, isotype control; red, AP1G1.



Immunocytochemical staining of HepG2 cells with AP1G1 antibody (Cat#ABG1342, 1:1,000). Nuclei were stained blue with DAPI; AP1G1 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 μ m.