

KD-Validated Anti-Amyloid beta precursor like protein 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

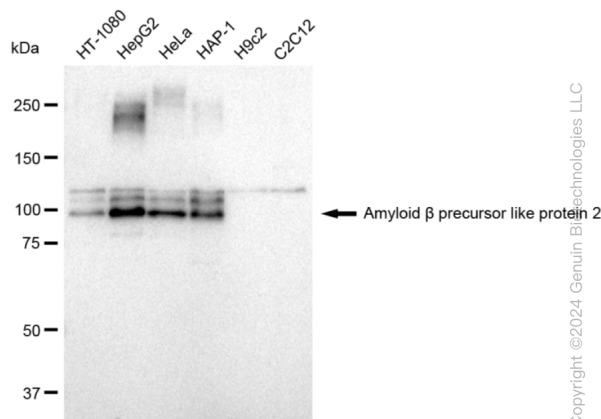
ABG1367

Product Overview

Name	KD-Validated Anti-Amyloid beta precursor like protein 2 Rabbit Monoclonal Antibody
Accession(Primary)	Q06481
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human APLP2
Species Reactivity	Human
Calculated MW	Predicted, 87 kDa , observed, 87-140 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

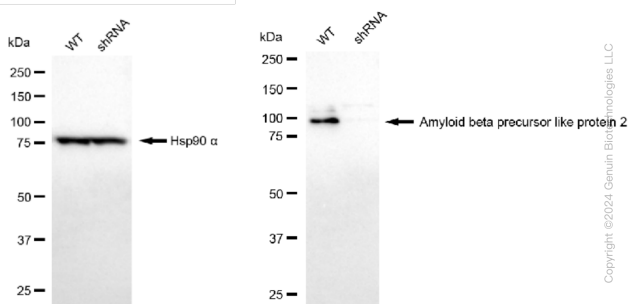
Target information (Q06481)

Gene Name	APLP2
About Gene Symbol	APLP2 (Amyloid Beta Precursor Like Protein 2) is a membrane receptor 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 cellular mechanisms and identify therapeutic targets.



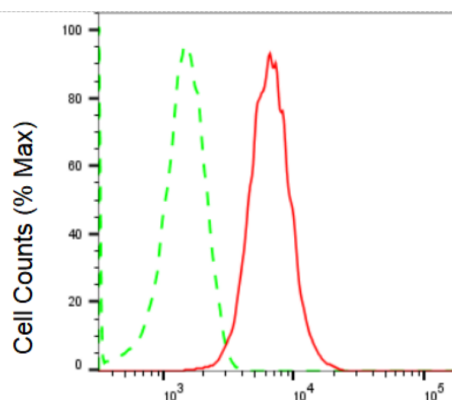
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Western blotting analysis using anti-Amyloid beta precursor like protein 2 antibody (Cat#ABG1367). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Amyloid beta precursor like protein 2 antibody (Cat#ABG1367, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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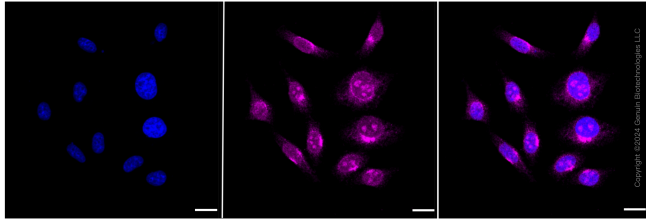
Western blotting analysis using anti-Amyloid beta precursor like protein 2 antibody (Cat#ABG1367). Amyloid beta precursor like protein 2 expression in wild type (WT) and amyloid beta precursor like protein 2 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Amyloid beta precursor like protein 2 antibody (Cat#ABG1367, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Amyloid beta precursor like protein 2 expression in HepG2 cells using Amyloid beta precursor like protein 2 antibody (Cat#ABG1367, 1:2,000). Green, isotype control; red, Amyloid beta precursor like protein 2.

Amyloid beta precursor like protein 2-Alexa Fluor® 647



Immunocytochemical staining of HepG2 cells with Amyloid beta precursor like protein 2 antibody (Cat#ABG1367, 1:1,000). Nuclei were stained blue with DAPI; Amyloid beta precursor like protein 2 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 μ m.