

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

*Rabbit monoclonal antibody*

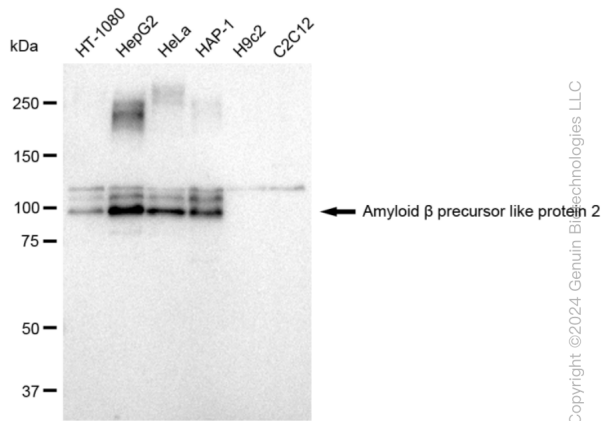
ABG1367

## Product Overview

<b>Name</b>	KD-Validated Anti-Amyloid beta precursor like protein 2 Rabbit Monoclonal Antibody
<b>Accession(Primary)</b>	Q06481
<b>Host Species</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Rabbit IgG
<b>Immunogen</b>	A synthesized peptide derived from human APLP2
<b>Species Reactivity</b>	Human
<b>Calculated MW</b>	Predicted, 87 kDa , observed, 87-140 kDa
<b>Storage Buffer</b>	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
<b>Recommended Dilution</b>	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

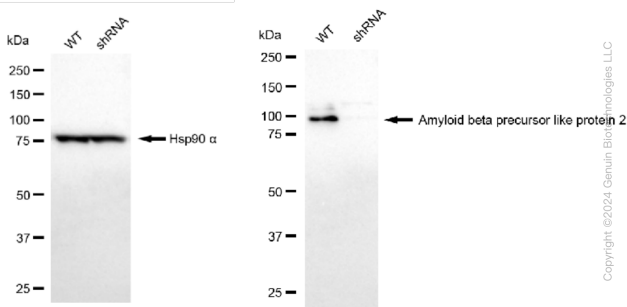
## Target information (Q06481)

<b>Gene Name</b>	APLP2
<b>About Gene Symbol</b>	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.



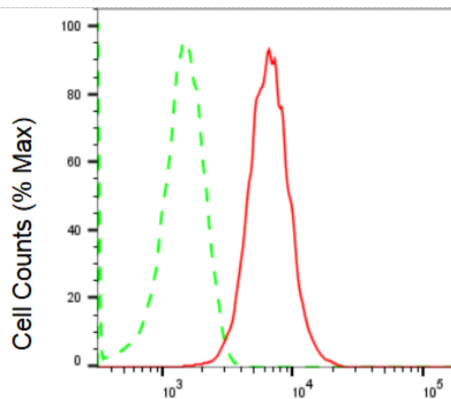
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Western blotting analysis using anti-Amyloid beta precursor like protein 2 antibody (Cat#ABG1367). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Amyloid beta precursor like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



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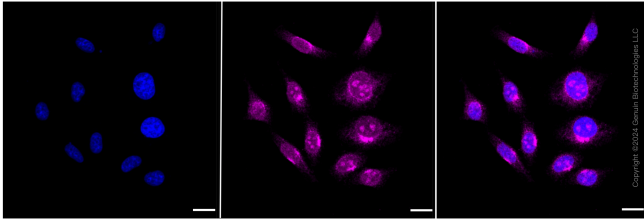
Western blotting analysis using anti-Amyloid beta precursor like protein 2 antibody (Cat#ABG1367). Amyloid beta precursor like protein 2 expression in wild type (WT) and amyloid beta precursor like protein 2 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading 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  $\mu$ m.