

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

Rabbit monoclonal antibody

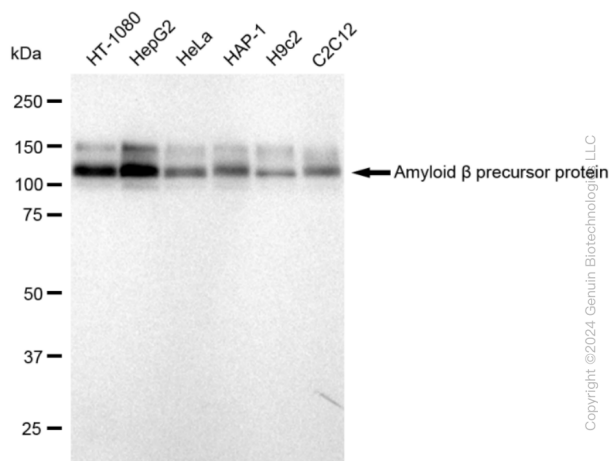
ABG2381

Product Overview

Name	KD-Validated Anti-Amyloid beta precursor protein Rabbit Monoclonal Antibody
Accession(Primary)	P05067
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Amyloid beta A4
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 87 kDa; Observed, 110 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

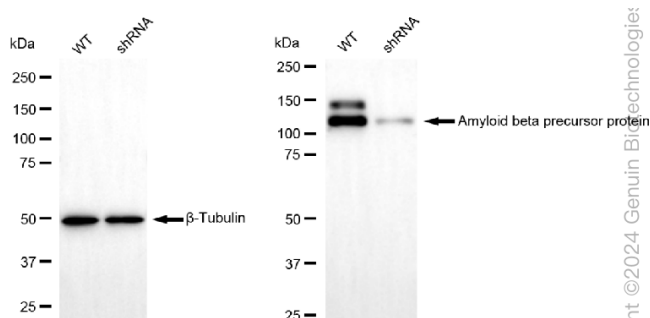
Target information (P05067)

Gene Name	APP
About Gene Symbol	APP (AID(50)) is a cell surface marker involved in cell surface signaling. It is an important research target in immunology, flow cytometry, and cancer immunotherapy and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



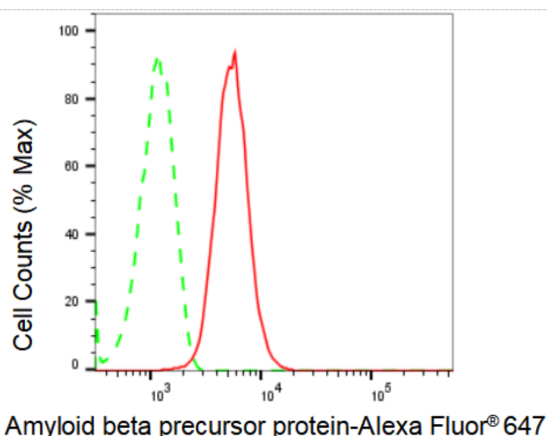
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Western blotting analysis using anti-Amyloid beta precursor protein antibody (Cat#ABG2381). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Amyloid beta precursor protein antibody (Cat#ABG2381, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



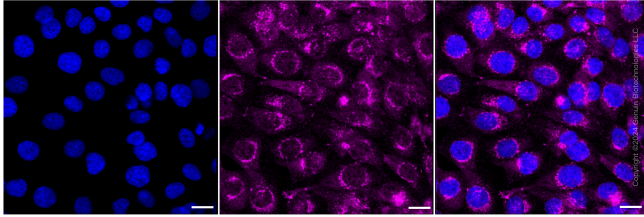
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Western blotting analysis using anti-Amyloid beta precursor protein antibody (Cat#ABG2381). Amyloid beta precursor protein expression in wild type (WT) and amyloid beta precursor protein shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Amyloid beta precursor protein antibody (Cat#ABG2381, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Amyloid beta precursor protein expression in HepG2 cells using Amyloid beta precursor protein antibody (Cat#ABG2381, 1:2,000). Green, isotype control; red, Amyloid beta precursor protein.



Immunocytochemical staining of HT-1080 cells with Amyloid beta precursor protein antibody (Cat#ABG2381, 1:1,000). Nuclei were stained blue with DAPI; Amyloid beta precursor protein 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.