9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Phospho-Presenilin 1 (Ser310) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1825

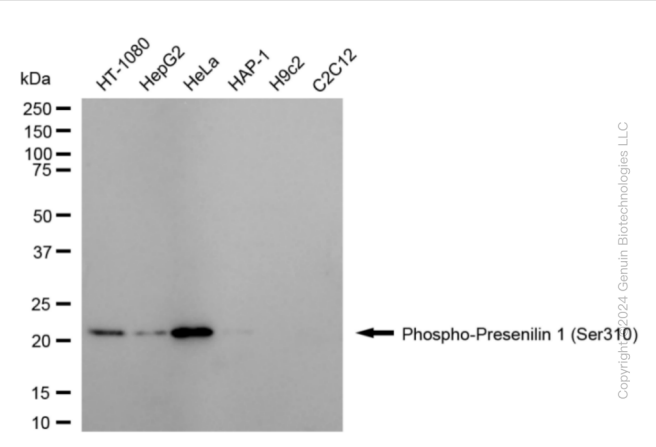
Product Overview

Name	KD-Validated Anti-Phospho-Presenilin 1 (Ser310) Rabbit Monoclonal Antibody
Accession(Primary)	P49768
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Phospho-Presenilin 1 (Ser310)
Species Reactivity	Human
Calculated MW	Predicted, 53 kDa, observed, 22 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

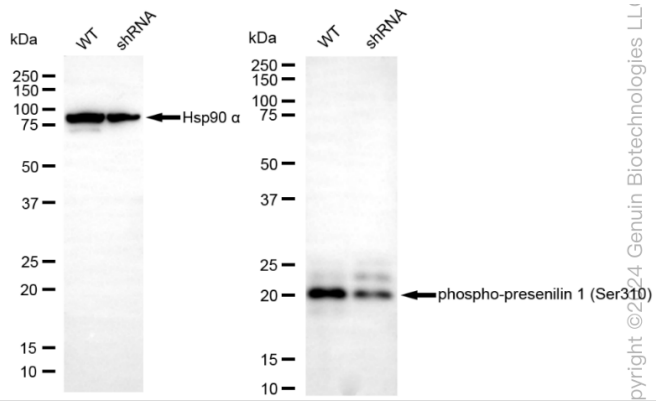
Target information (P49768)

Gene Name	PSEN1
About Gene Symbol	PSEN1 (Presenilin 1) is a metabolic enzyme involved in cellular metabolism. It is an important research target in neurodegenerative disease and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

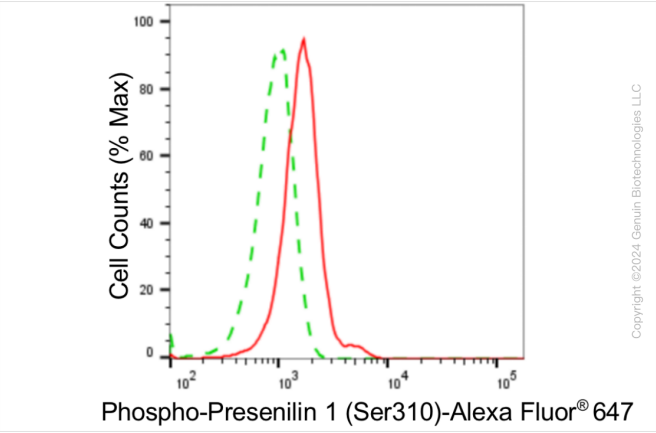
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Western blotting analysis using anti-phospho-presenilin 1 (Ser310) antibody (Cat#ABG1825). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-presenilin 1 (Ser310) antibody (Cat#ABG1825, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

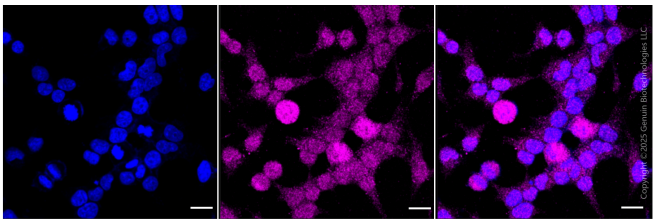


Western blotting analysis using anti-phospho-presenilin 1 (Ser310) antibody (Cat#ABG1825). Phospho-presenilin 1 (Ser310) expression in wild-type (WT) and PSEN1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-phospho-presenilin 1 (Ser310) antibody (Cat#ABG1825, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Phospho-Presenilin 1 (Ser310) expression in HeLa cells using anti-Phospho-Presenilin 1 (Ser310) antibody (Cat#ABG1825, 1:2,000). Green, isotype control; red, Phospho-Presenilin 1 (Ser310).

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Immunocytochemical staining of Hela cells with Phospho-Presenilin 1 (Ser310) antibody (1:1000). Nuclei were stained blue with DAPI;Phospho-Presenilin 1 (Ser310) 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.