

KD-Validated Anti-AVEN Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

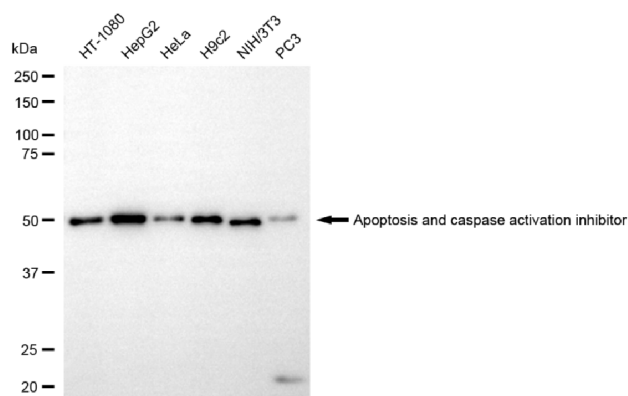
ABG1461

Product Overview

Name	KD-Validated Anti-AVEN Rabbit Monoclonal Antibody
Accession(Primary)	Q9NQS1
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human AVEN
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 39 kDa; observed, 50 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

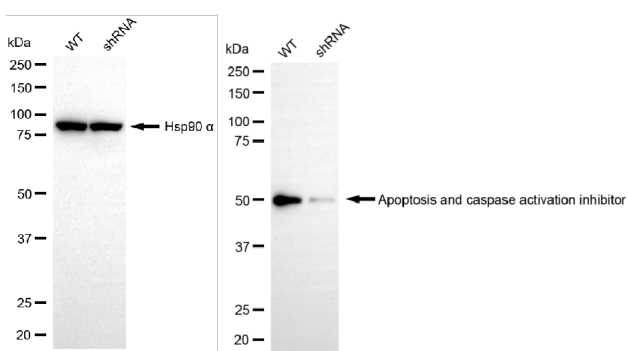
Target information (Q9NQS1)

Gene Name	AVEN
About Gene Symbol	AVEN (Apoptosis And Caspase Activation Inhibitor) is a cysteine protease (caspase) involved in apoptosis. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



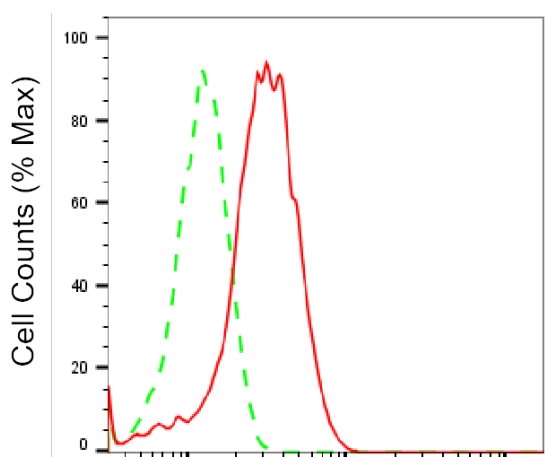
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Western blotting analysis using anti-apoptosis and caspase activation inhibitor antibody (Cat#ABG1461). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-apoptosis and caspase activation inhibitor antibody (Cat#ABG1461, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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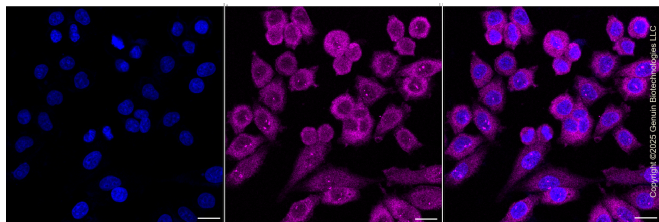
Western blotting analysis using anti-apoptosis and caspase activation inhibitor antibody (Cat#ABG1461). Apoptosis and caspase activation inhibitor expression in wild-type (WT) and apoptosis and caspase activation inhibitor (AVEN) shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-apoptosis and caspase activation inhibitor antibody (Cat#ABG1461, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Apoptosis and caspase activation inhibitor expression in HepG2 cells using anti-Apoptosis and caspase activation inhibitor antibody (Cat#ABG1461, 1:2,000). Green, isotype control; red, Apoptosis and caspase activation inhibitor.

Apoptosis and caspase activation inhibitor-
Alexa Fluor® 647



Immunocytochemical staining of HepG2 cells with anti-Apoptosis and caspase activation inhibitor antibody (Cat#ABG1461, 1:1,000). Nuclei were stained blue with DAPI; Apoptosis and caspase activation inhibitor 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.