

KD-Validated Anti-ACAP2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

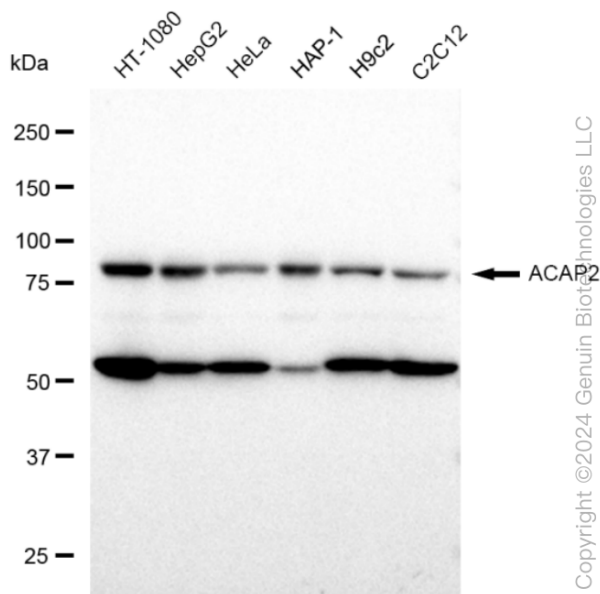
ABG1005

Product Overview

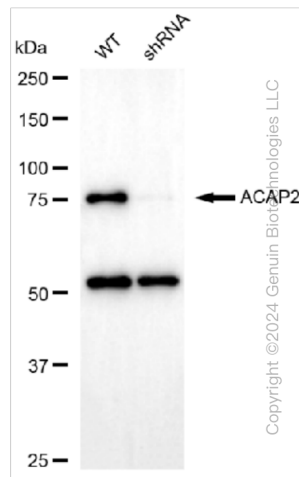
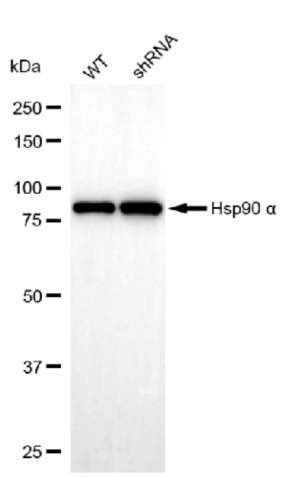
Name	KD-Validated Anti-ACAP2 Rabbit Monoclonal Antibody
Accession(Primary)	Q15057
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ACAP2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 88 kDa , observed, 88 kDa
Storage Buffer	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 (Q15057)

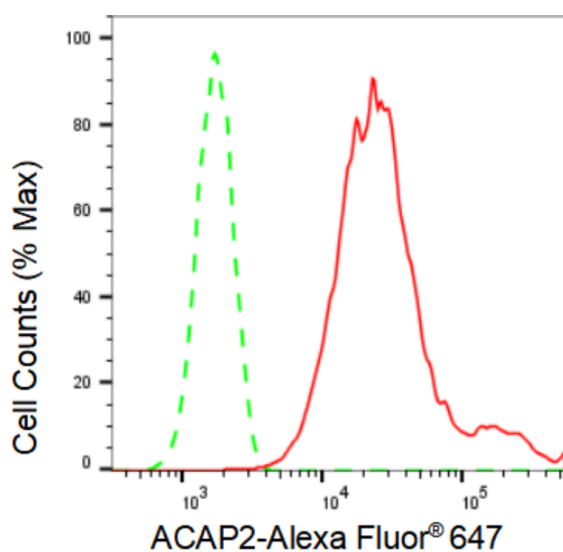
Gene Name	ACAP2
About Gene Symbol	ACAP2 (ArfGAP With Coiled-Coil, Ankyrin Repeat And PH Domains 2) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



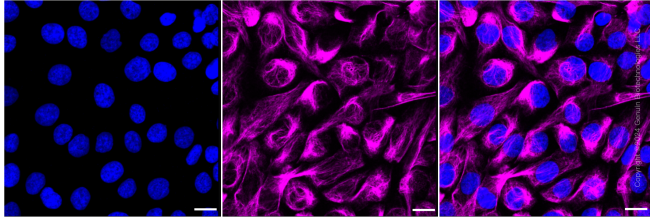
Western blotting analysis using anti-ACAP2 antibody (Cat#ABG1005). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ACAP2 antibody (Cat#ABG1005, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-ACAP2 antibody (Cat#ABG1005). ACAP2 expression in wild type (WT) and ACAP2 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-ACAP2 antibody (Cat#ABG1005, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of ACAP2 expression in HT-1080 cells using ACAP2 antibody (Cat#ABG1005, 1:2,000). Green, isotype control; red, ACAP2.



Immunocytochemical staining of HT-1080 cells with ACAP2 antibody (Cat#ABG1005, 1:1,000). Nuclei were stained blue with DAPI; ACAP2 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.