

KD-Validated Anti-CAP1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

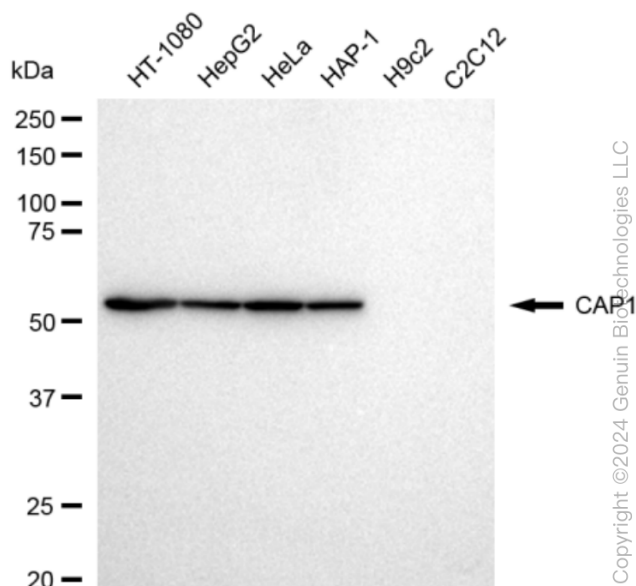
ABG1154

Product Overview

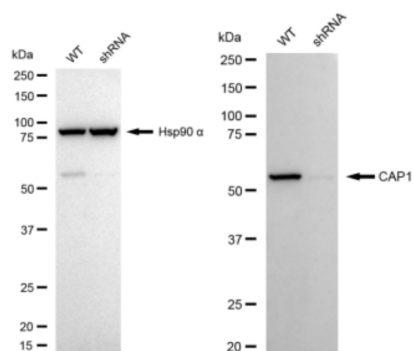
Name	KD-Validated Anti-CAP1 Rabbit Monoclonal Antibody
Accession(Primary)	Q01518
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from CAP1
Species Reactivity	Human
Calculated MW	Predicted, 52 kDa , observed, 55 kDa
Storage Buffer	Supplied in PBS (pH 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 (Q01518)

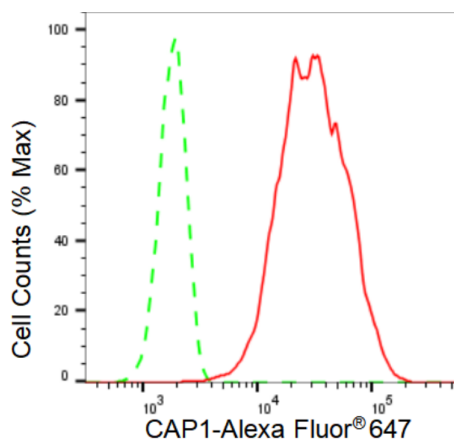
Gene Name	CAP1
About Gene Symbol	CAP1 (Cyclase Associated Actin Cytoskeleton Regulatory Protein 1) is a structural cytoskeletal protein involved in cytoskeletal organization. It is an important research target in cell biology, cancer metastasis, and cytoskeletal research and is widely st



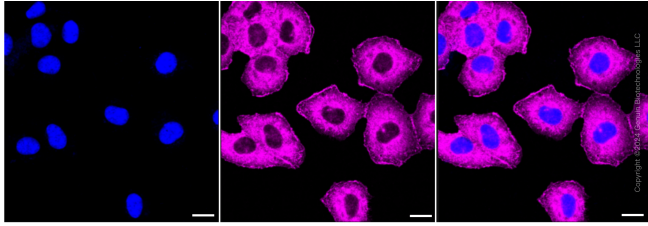
Western blotting analysis using anti-CAP1 antibody (Cat#ABG1154). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CAP1 antibody (Cat#ABG1154, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-CAP1 antibody (Cat#ABG1154). CAP1 expression in wild type (WT) and CAP1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CAP1 antibody (Cat#ABG1154, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of CAP1 expression in HT-1080 cells using CAP1 antibody (Cat#ABG1154, 1:2,000). Green, isotype control; red, CAP1.



Immunocytochemical staining of HT-1080 cells with CAP1 antibody (Cat#ABG1154, 1:1,000). Nuclei were stained blue with DAPI; CAP1 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.