

KD-Validated Anti-Rab4 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

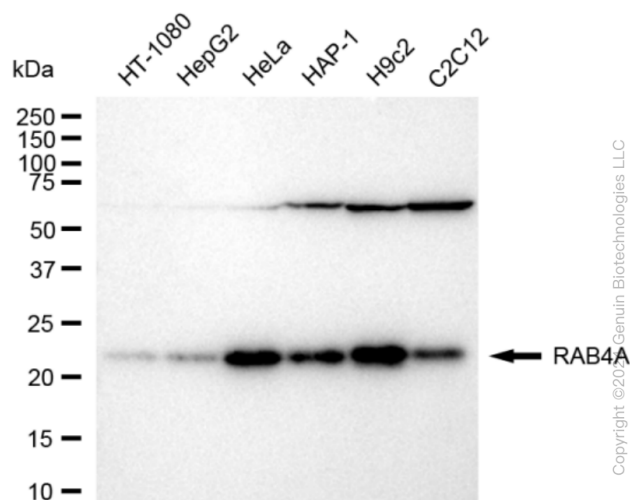
ABG1628

Product Overview

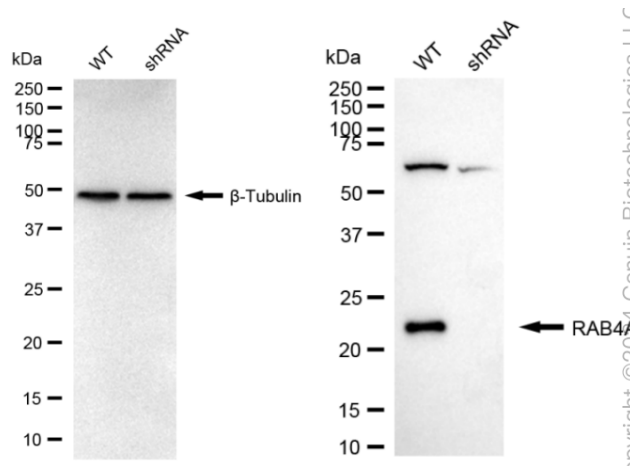
Name	KD-Validated Anti-Rab4 Rabbit Monoclonal Antibody
Accession(Primary)	P20338
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Rab4
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 24 kDa , observed , 24 kDa
Storage Buffer	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 Immunocytochemistry (IC): 1:100-1:1,000

Target information (P20338)

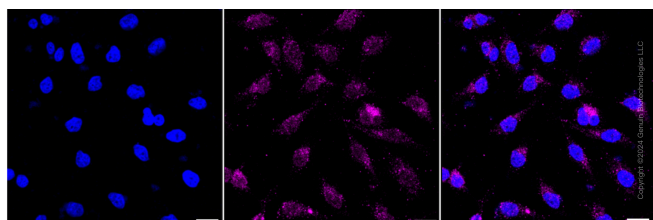
Gene Name	RAB4A
About Gene Symbol	RAB4A (RAB4A, Member RAS Oncogene Family) is a small GTPase involved in cell signaling and proliferation. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



Western blotting analysis using anti-RAB4A antibody (Cat#ABG1628). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RAB4A antibody (Cat#ABG1628, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-RAB4A antibody (Cat#ABG1628). RAB4A expression in wild type (WT) and RAB4A 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-RAB4A antibody (Cat#ABG1628, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HeLa cells with anti-RAB4A antibody (Cat#ABG1628, 1:1,000). Nuclei were stained blue with DAPI; RAB4A 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.