9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# KD-Validated Anti-Rab4 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

ABG1628

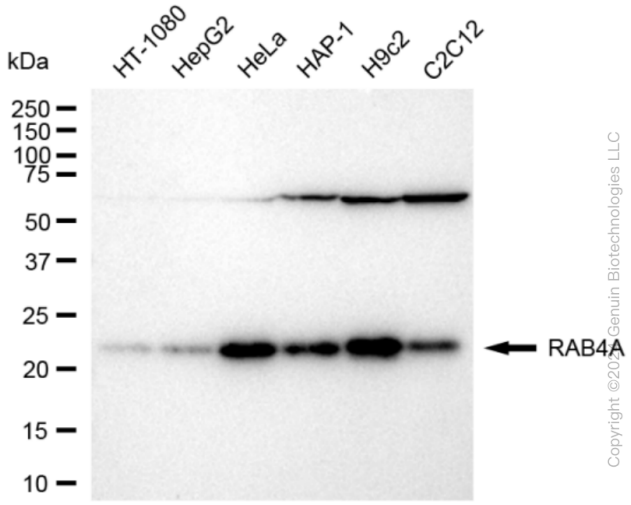
## Product Overview

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|---|---|
| **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<br>Immunocytochemistry (IC): 1:100-1:1,000 |

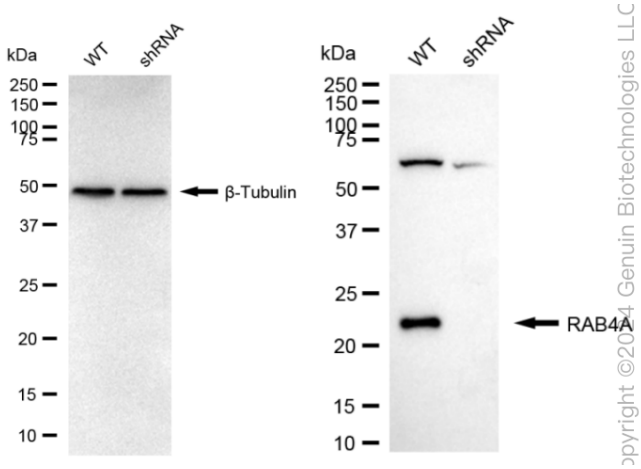
## Target information (P20338)

| | |
|---|---|
| **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. |

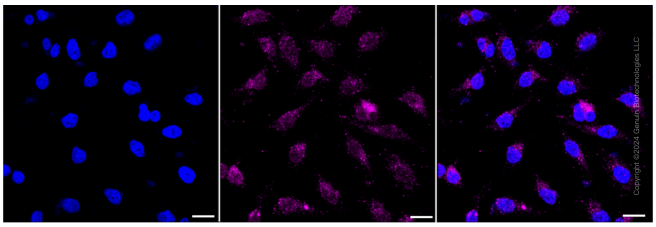
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Western blotting analysis using anti-RAB4A antibody (Cat#ABG1628). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-RAB4A antibody (Cat#ABG1628, 1:5,000) and HRP-conjugated goat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