9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

KD-Validated Anti-G protein subunit alpha q Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1960

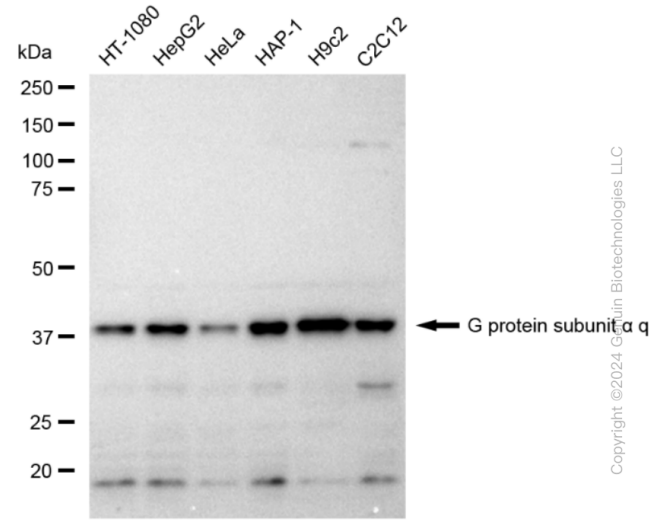
Product Overview

Name	KD-Validated Anti-G protein subunit alpha q Rabbit Monoclonal Antibody
Accession(Primary)	P50148
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human GNAQ
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 42 kDa , observed, 4 2 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): 1:1,000

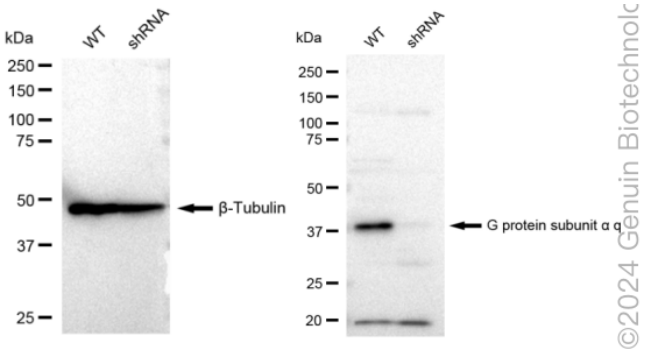
Target information (P50148)

Gene Name	GNAQ
About Gene Symbol	GNAQ (G Protein Subunit Alpha Q) 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 cel

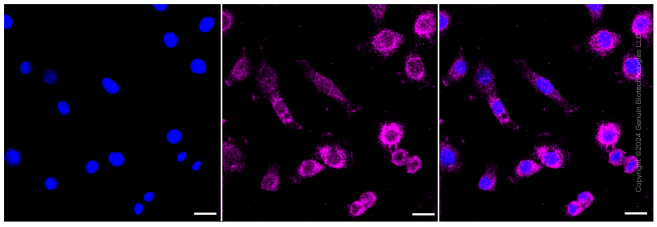
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Western blotting analysis using anti-G protein subunit alpha q antibody (Cat#ABG1960). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-G protein subunit alpha q antibody (Cat#ABG1960, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-G protein subunit alpha q antibody (Cat#ABG1960). G protein subunit alpha q expression in wild type (WT) and G protein subunit alpha q 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-G protein subunit alpha q antibody (Cat#ABG1960, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of C2C12 cells with G protein subunit alpha q antibody (Cat#ABG1960, 1:1,000). Nuclei were stained blue with DAPI; G protein subunit alpha q 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.

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