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

KD-Validated Anti-NPC2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2106

Product Overview

Name	KD-Validated Anti-NPC2 Rabbit Monoclonal Antibody
Accession(Primary)	P61916
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	Recombinant protein of human Niemann Pick C2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 17 kDa, observed, 17 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:1,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (P61916)

Gene Name	NPC2
About Gene Symbol	NPC2 (NPC Intracellular Cholesterol Transporter 2) is a membrane transporter involved in membrane transport. It is an important research target in pharmacology, drug resistance, and membrane biology and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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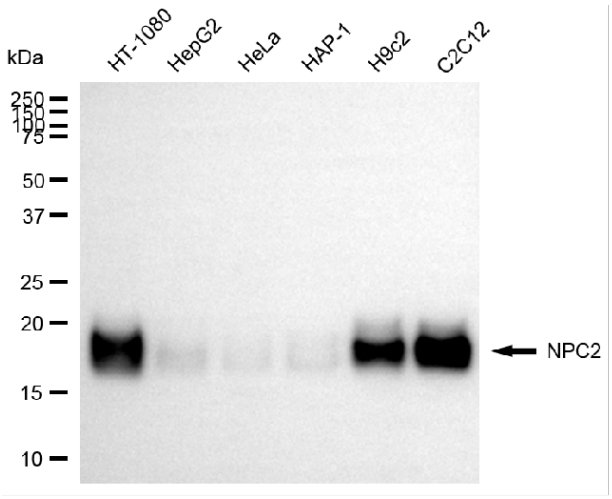

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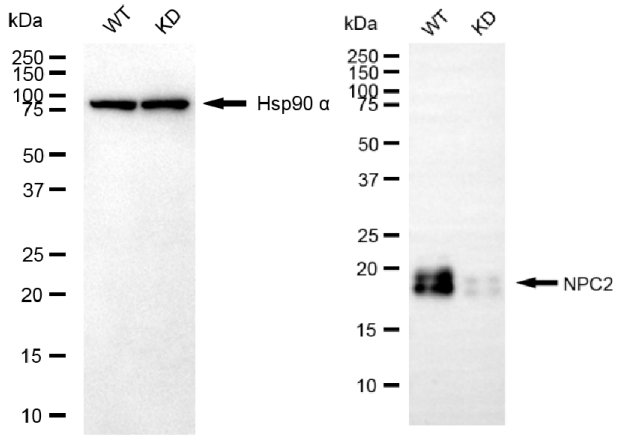
Western blotting analysis using anti-NPC2 antibody (Cat#ABG2106). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NPC2 antibody (Cat#ABG2106, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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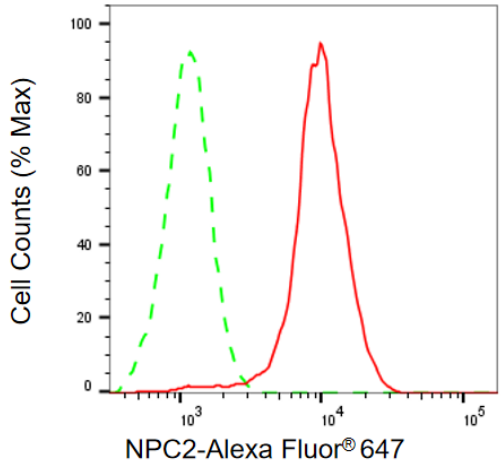
Western blotting analysis using anti-NPC2 antibody (Cat#ABG2106). NPC2 expression in wild-type (WT) and NPC2 knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-NPC2 antibody (Cat#ABG2106, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of NPC2 expression in C2C12 cells using anti-NPC2 antibody (Cat#ABG2106, 1:1,000). Green, isotype control; red, NPC2.

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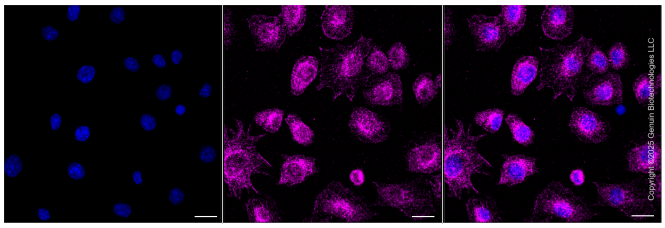

Immunocytochemical staining of C2C12 cells with anti-NPC2 antibody (Cat#ABG2106, 1:1,000). Nuclei were stained blue with DAPI; NPC2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.