9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Neuronal Calcium Sensor 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1582

Product Overview

Name	KD-Validated Anti-Neuronal Calcium Sensor 1 Rabbit Monoclonal Antibody
Accession(Primary)	P62166
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human NCS1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 22 kDa , observed , 21 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): 1:100-1:1,000

Target information (P62166)

Gene Name	NCS1
About Gene Symbol	NCS1 (Neuronal Calcium Sensor 1) 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 cellular mechanisms and identify therapeutic targets.

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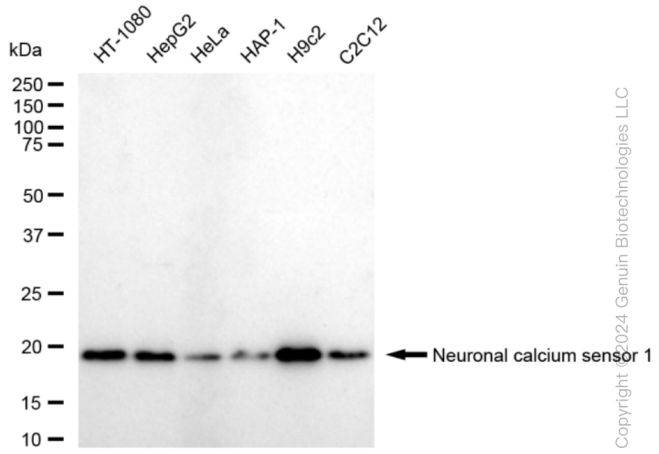

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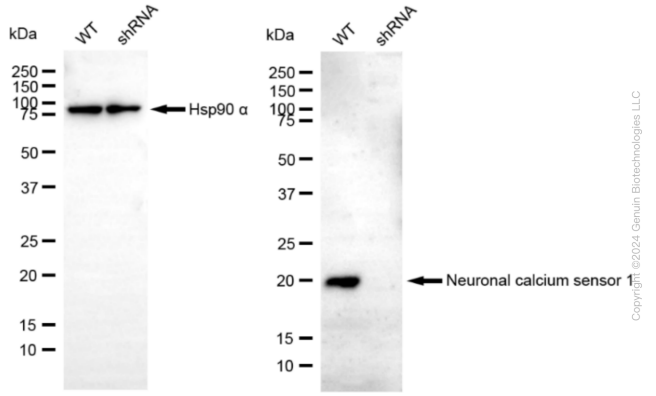
Western blotting analysis using anti-Neuronal calcium sensor 1 antibody (Cat#ABG1582). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Neuronal calcium sensor 1 antibody (Cat#ABG1582, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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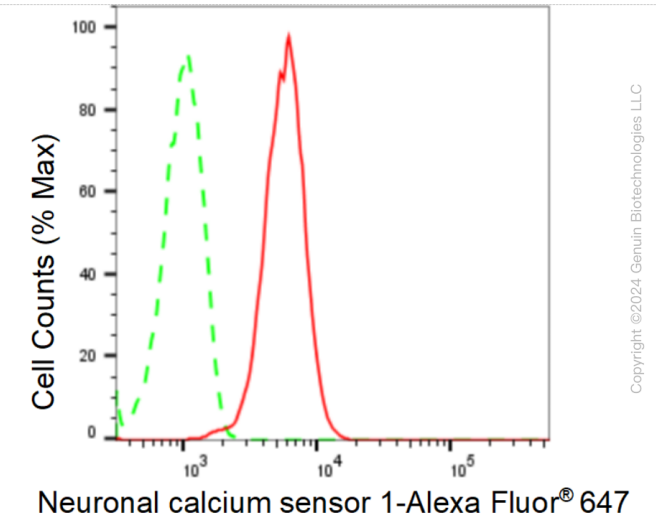
Western blotting analysis using anti-Neuronal calcium sensor 1 antibody (Cat#ABG1582). Neuronal calcium sensor 1 expression in wild type (WT) and Neuronal calcium sensor 1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Neuronal calcium sensor 1 antibody (Cat#ABG1582, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Neuronal calcium sensor 1 expression in HepG2 cells using Neuronal calcium sensor 1 antibody (Cat#ABG1582, 1:2,000). Green, isotype control; red, Neuronal calcium sensor 1.

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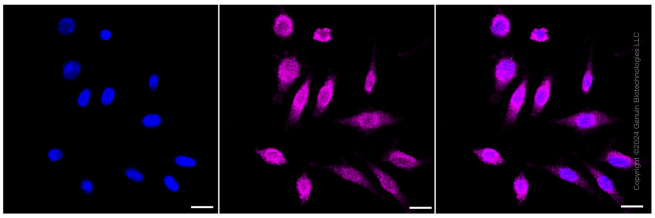

Immunocytochemical staining of HepG2 cells with anti-Neuronal calcium sensor 1 antibody (Cat#ABG1582, 1:1,000). Nuclei were stained blue with DAPI; Neuronal calcium sensor 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 µm.