

Catalog #: 3824

Aliases

CISD2; CDGSH Iron Sulfur Domain 2; Miner1; NAF-1; ERIS; Endoplasmic Reticulum Intermembrane Small Protein; Nutrient-Deprivation Autophagy Factor-1; ZCD2; CDGSH Iron-Sulfur Domain-Containing Protein 2; Zinc Finger, CDGSH-Type Domain 2; MitoNEET-Related 1 Protein; WFS2; MitoNEET Related 1; Wolfram Syndrome 2; CDGSH2

Background

Gene Name: CISD2

NCBI Gene Entry: [493856](#)

UniProt Entry: [Q8N5K1](#)

Application Information

Molecular Weight: Predicted, 15 kDa; observed, 17 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB8055

Species Reactivity: Human, mouse

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

Recombinant protein of human CISD2

Isotype

Mouse IgG1

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500

Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

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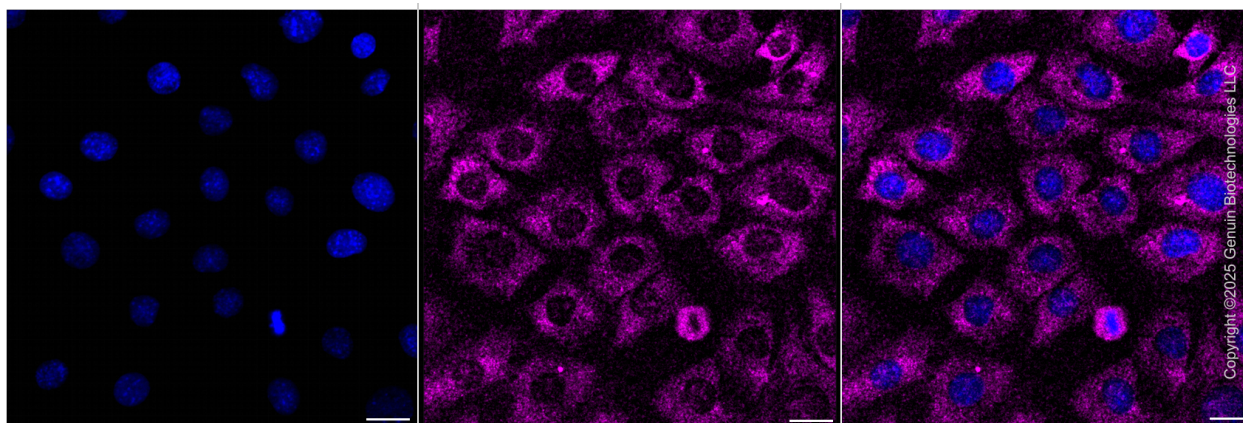
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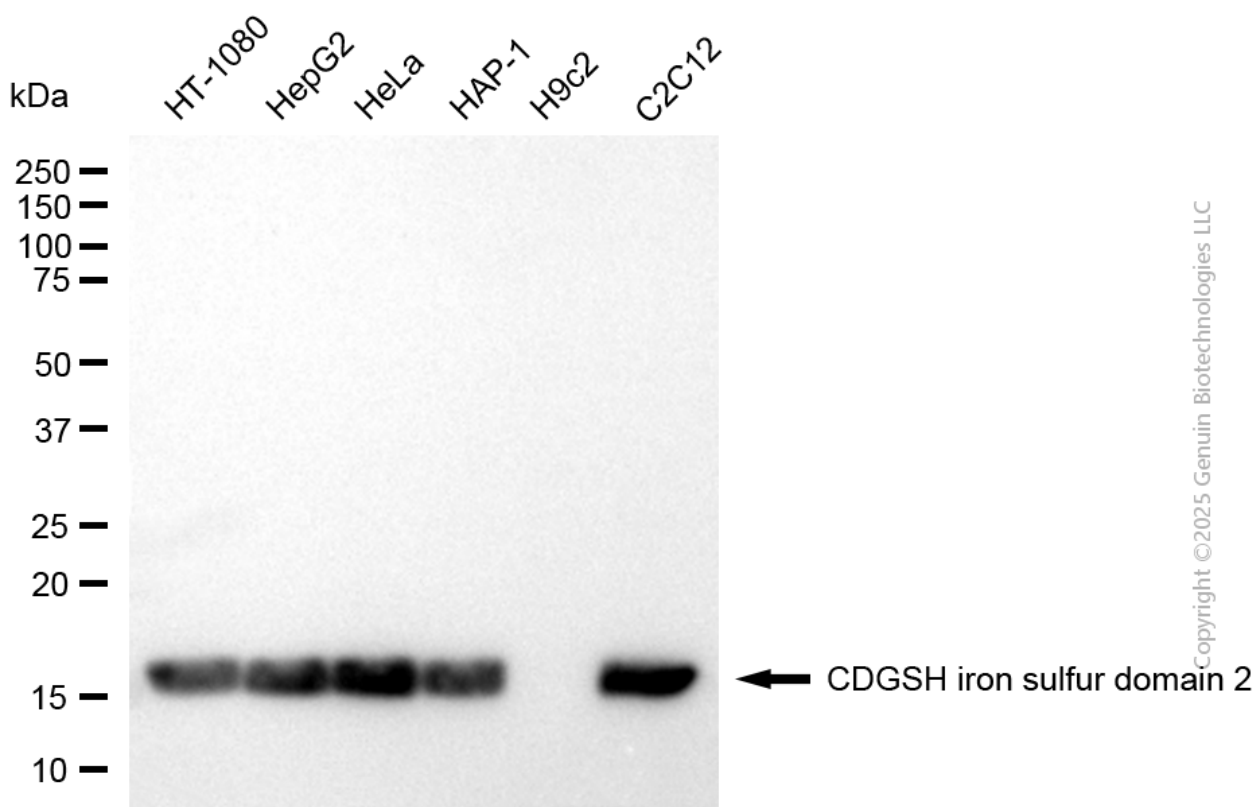
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Validation Data



Immunocytochemical staining of C2C12 cells with anti-CDGSH iron sulfur domain 2 antibody (Cat#3824, 1:500). Nuclei were stained blue with DAPI; CDGSH iron sulfur domain 2 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 μ m.



Western blotting analysis using anti-CDGSH iron sulfur domain 2 antibody (Cat#3824). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CDGSH iron sulfur domain 2 antibody (Cat#3824, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was

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developed using FeQ™ ECL Substrate Kit (Cat#226).