

KD-Validated Anti-NMNAT1 Mouse Monoclonal Antibody



Catalog #: 64842

Aliases

NMNAT1; Nicotinamide Nucleotide Adenylyltransferase 1; NMNAT; Nicotinamide/Nicotinic Acid Mononucleotide Adenylyltransferase 1; PNAT1; Nicotinate-Nucleotide Adenylyltransferase 1; NMN/NaMN Adenylyltransferase 1; NaMN Adenylyltransferase 1; NMN Adenylyltransferase 1; LCA9; Nicotinamide Mononucleotide Adenylyltransferase 1; Nicotinamide-Nucleotide Adenylyltransferase 1; Nicotinamide Nucleotide Adenylyltransferase; Pyridine Nucleotide Adenylyltransferase 1; Leber'S Congenital Amaurosis 9; Leber Congenital Amaurosis 9; EC 2.7.7.18; EC 2.7.7.1; SHILCA

Background

Gene Name: NMNAT1

NCBI Gene Entry: [64802](#)

UniProt Entry: [Q9HAN9](#)

Application Information

Molecular Weight: Predicted, 32 kDa; observed, 32 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB13215

Species Reactivity: Human

Applications Tested: Western blotting (WB)

Immunogen

Recombinant protein of human NMNAT1

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

SUPPORT

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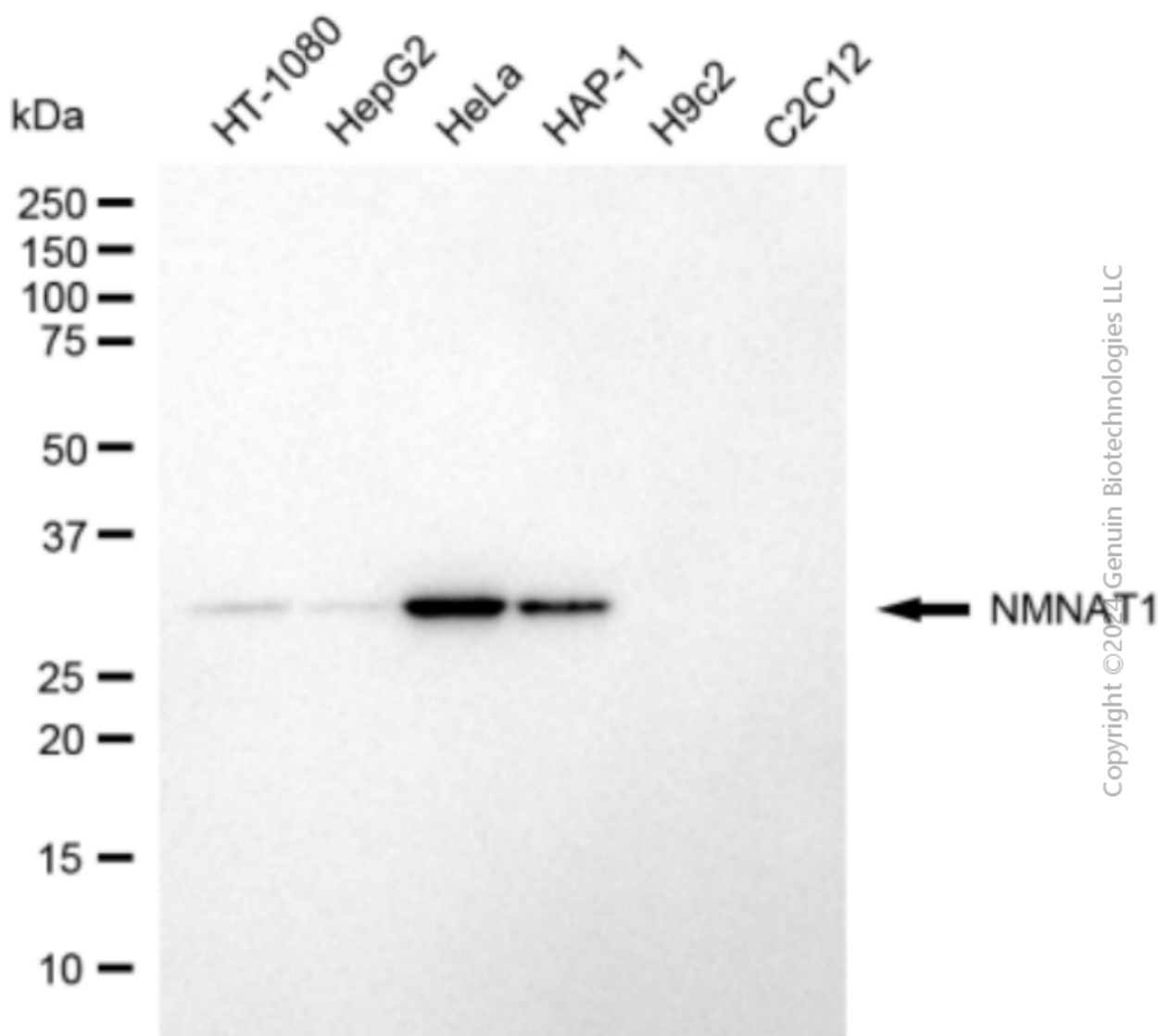
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Note: This product is for research use only.

Validation Data



Western blotting analysis using anti-NMNAT1 antibody (Cat#64842). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NMNAT1 antibody (Cat#64842, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

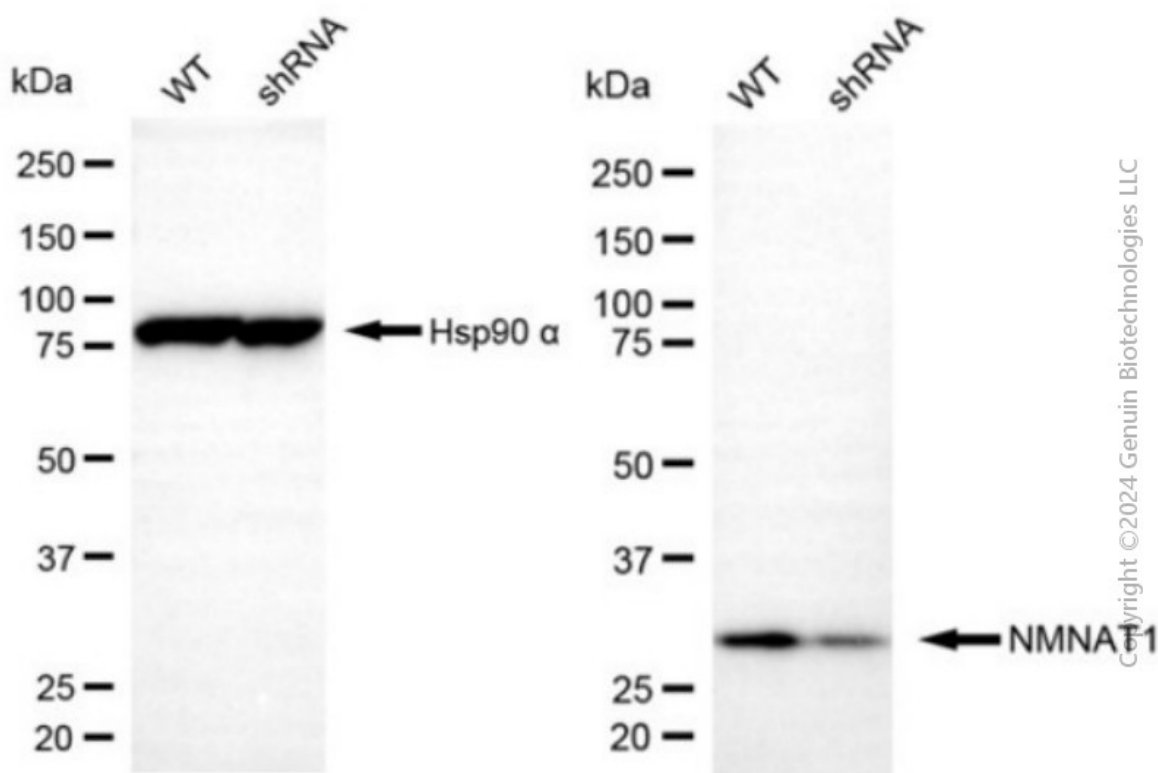
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Western blotting analysis using anti-NMNAT1 antibody (Cat #64842). NMNAT1 expression in wild-type (WT) and NMNAT1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-NMNAT1 antibody (Cat #64842, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat #101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat #716).