

Catalog #: 6055

Aliases

SIRT3; Sirtuin 3; SIR2L3; NAD-Dependent Protein Deacetylase Sirtuin-3, Mitochondrial; Regulatory Protein SIR2 Homolog 3; SIR2-Like Protein 3; Sirtuin (Silent Mating Type Information Regulation 2 Homolog) 3 (S. Cerevisiae); Sirtuin (Silent Mating Type Information Regulation 2, S.Cerevisiae, Homolog) 3; Mitochondrial Nicotinamide Adenine Dinucleotide-Dependent Deacetylase; Silent Mating Type Information Regulation 2, S.Cerevisiae, Homolog 3; NAD-Dependent Deacetylase Sirtuin-3, Mitochondrial; Sirtuin Type 3; EC 2.3.1.286; Sir2-Like 3; HSIRT3

Background

Gene Name: SIRT3

NCBI Gene Entry: [23410](#)

UniProt Entry: [Q9NTG7](#)

Application Information

Molecular Weight: Predicted, 44 kDa; observed, 28 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB6600

Species Reactivity: Human

Applications Tested: Western blotting (WB)

Immunogen

A synthesized peptide derived from human SIRT3

Isotype

Rabbit IgG

Storage Buffer

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

Storage

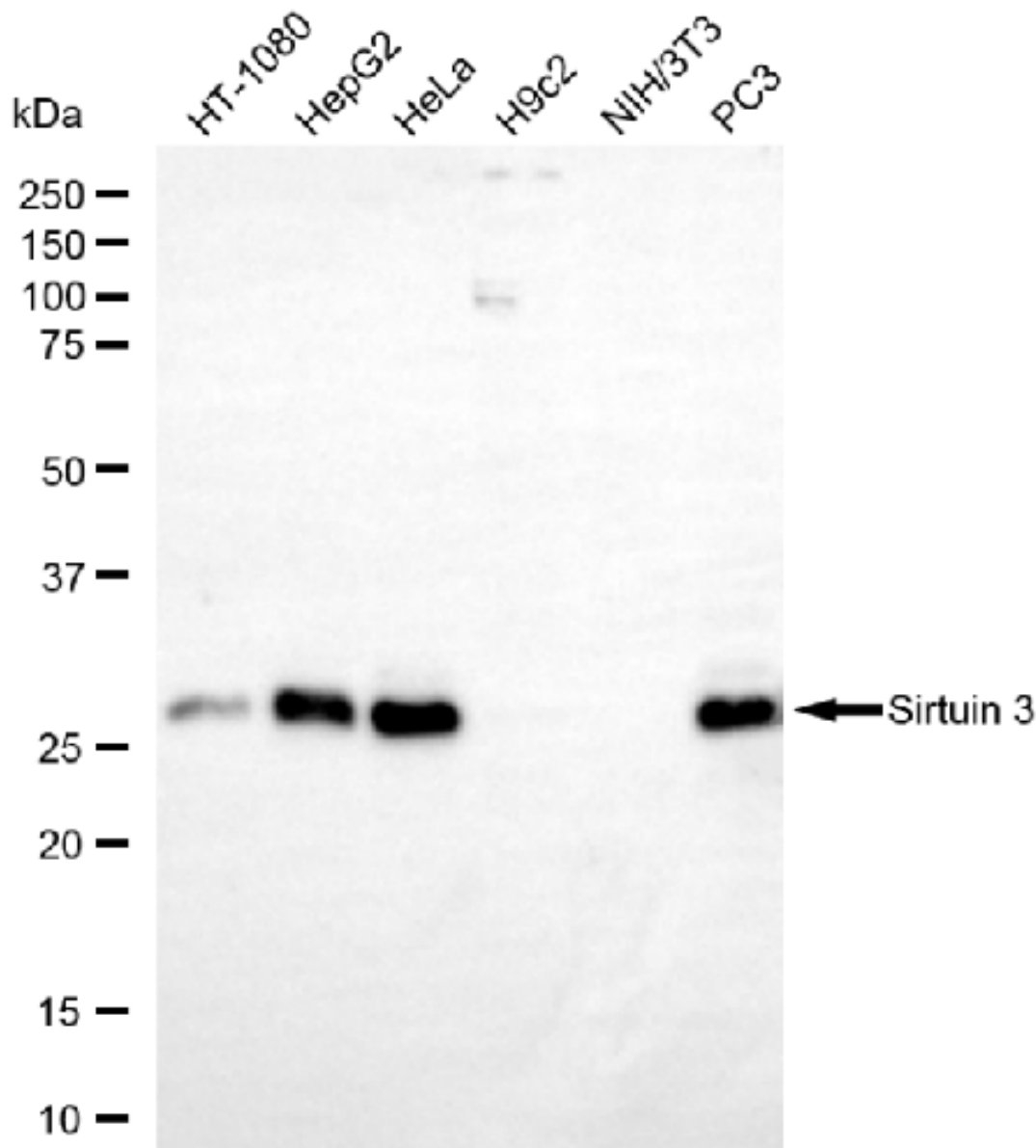
Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Note: This product is for research use only.

Validation Data



Western blotting analysis using anti-sirtuin 3 antibody (Cat#6055). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-sirtuin 3 antibody (Cat#6055, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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