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

KD-Validated Anti-SIRT3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2266

Product Overview

Name	KD-Validated Anti-SIRT3 Rabbit Monoclonal Antibody
Accession(Primary)	Q9NTG7
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human SIRT3
Species Reactivity	Human
Calculated MW	Predicted, 44 kDa; observed, 28 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

Target information (Q9NTG7)

Gene Name	SIRT3
About Gene Symbol	SIRT3 (Sirtuin 3) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets

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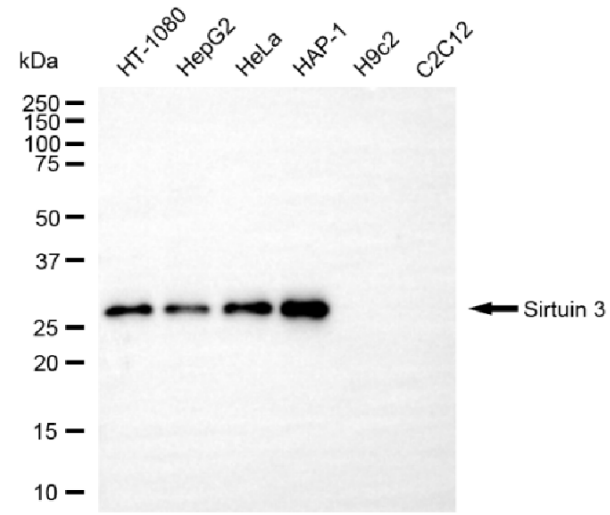

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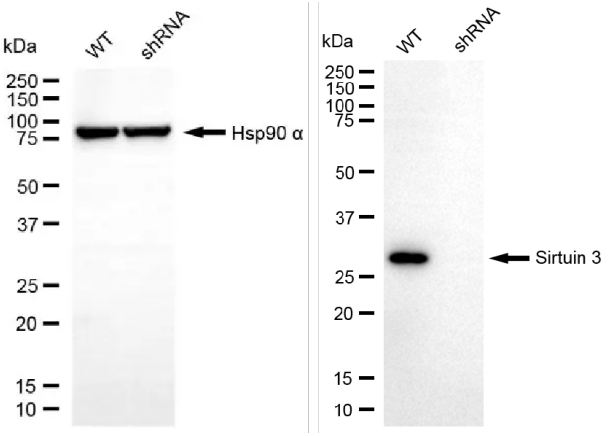
Western blotting analysis using anti-sirtuin 3 antibody (Cat#ABG2266). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-sirtuin 3 antibody (Cat#ABG2266, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-sirtuin 3 antibody (Cat#ABG2266). Sirtuin 3 expression in wild-type (WT) and sirtuin 3 (SIRT3) shRNA knockdown (KD) HeLa cells with 25 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-sirtuin 3 antibody (Cat#ABG2266, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.