

Datasheet for ABIN2856305
anti-SIRT3 antibody (C-Term)

4 Images

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Overview

Quantity:	100 µL
Target:	SIRT3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human SIRT3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to SIRT3 (sirtuin (silent mating type information regulation 2 homolog) 3 (S. cerevisiae)) SIRT3 antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

Target Details

Target:	SIRT3
Alternative Name:	sirtuin 3 (SIRT3 Products)
Background:	<p>This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined, however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin family. Two alternatively spliced transcript variants that encode different proteins have been described for this gene.</p>
Molecular Weight:	44 kDa
Gene ID:	23410
UniProt:	Q9NTG7

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: HepG2 Validation: KO/KD
Restrictions:	For Research Use only

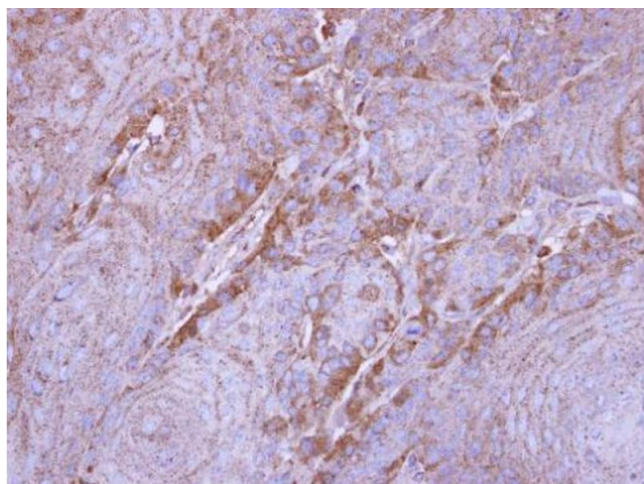
Handling

Format:	Liquid
Concentration:	0.7 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

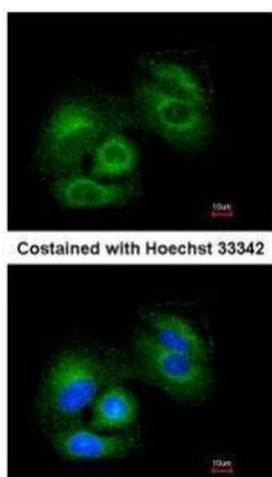
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



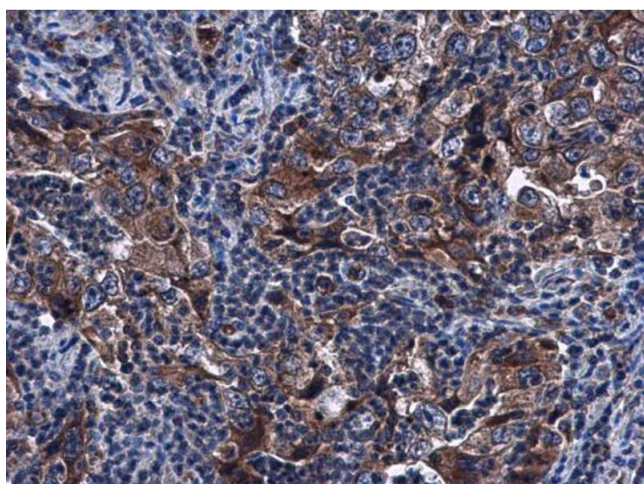
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using SIRT3, antibody at 1:500 dilution.



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of methanol-fixed A549, using SIRT3, antibody at 1:200 dilution.



Immunohistochemistry

Image 3. IHC-P Image SIRT3 antibody [C3], C-term detects SIRT3 protein at cytoplasm in human endometrial carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human endometrial carcinoma. SIRT3 antibody [C3], C-term, diluted at 1:500.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2856305.