

Datasheet for ABIN390180
anti-SIRT5 antibody (C-Term)[Go to Product page](#)

2 Images

1 Publication

Overview

Quantity:	400 µL
Target:	SIRT5
Binding Specificity:	AA 263-292, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This SIRT5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 263-292 amino acids from the C-terminal region of human SIRT5.
Clone:	RB2111
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	SIRT5
Alternative Name:	SIRT5 (SIRT5 Products)

Target Details

Background:	<p>SIRT5 is a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein.</p> <p>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.</p>
Molecular Weight:	33881
Gene ID:	23408
NCBI Accession:	NP_001180196 , NP_001229756 , NP_036373 , NP_112534
UniProt:	Q9NXA8
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

Handling

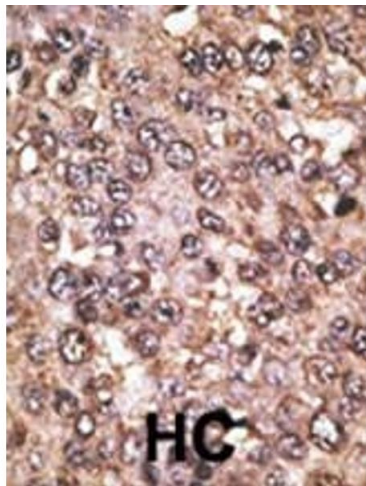
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	<p>Bolomini-Vittori, Montresor, Giagulli, Staunton, Rossi, Martinello, Constantin, Laudanna: "</p> <p>Regulation of conformer-specific activation of the integrin LFA-1 by a chemokine-triggered Rho</p>
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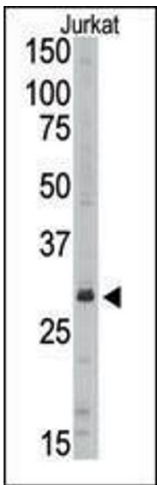
signaling module." in: **Nature immunology**, Vol. 10, Issue 2, pp. 185-94, (2009) ([PubMed](#)).

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.



Western Blotting

Image 2. Western blot analysis of anti-SIRT5 Pab (ABIN390180 and ABIN2840671) in Jurkat cell line lysate (35 µg/lane). SIRT5(arrow) was detected using the purified Pab.