

Datasheet for ABIN7270326  
**anti-SIRT4 antibody (AA 1-200)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	SIRT4
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT4 antibody is un-conjugated
Application:	Immunofluorescence (IF)

## Product Details

Purpose:	SIRT4 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human SIRT4 (NP_036372.1).
Sequence:	MKMSFALTFR SAKGRWIANP SQPCSKASIG LFVPASPPLD PEKVKELQRF ITLSKRLLVM TGAGISTESG IPDYRSEKVG LYARTDRRPI QHGDFVRSAP IRQRYWARNF VGWPQFSSHQ PNPAHWALST WEKLGKLYWL VTQNVDAHT KAGSRRLTEL HGCMDRVLCCL DCGEQTPRGV LQERFQVLNP TWSAEAHGLA
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

## Product Details

Purification: Affinity purification

## Target Details

Target: SIRT4

Alternative Name: SIRT4 ([SIRT4 Products](#))

Background: 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 IV of the sirtuin family.,SIRT4,SIR2L4,sirtuin 4,Epigenetics & Nuclear Signaling,SIRT4

Molecular Weight: 35kDa

Gene ID: 23409

UniProt: [Q9Y6E7](#)

Pathways: [Negative Regulation of Hormone Secretion](#)

## Application Details

Application Notes: IF,1:50 - 1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

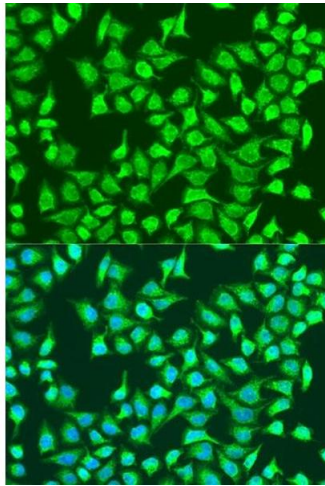
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using SIRT4 antibody (ABIN7270326) at dilution of 1:100. Blue: DAPI for nuclear staining.