

Datasheet for ABIN3021211  
**anti-SIRT7 antibody (AA 201-400)**

## 4 Images

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## Overview

Quantity:	100 µL
Target:	SIRT7
Binding Specificity:	AA 201-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 201-400 of human SIRT7 (NP_057622.1).
Sequence:	NREYVRVFDV TERTALHRHQ TGRTCHKCGT QLRDITVHFG ERGTLGQPLN WEAATEAASR ADTILCLGSS LKVLKKYPRL WCMTKPPSRR PKLYIVNLQW TPKDDWAALK LHGKCDDVMR LLMAELGLEI PAYSRWQDPI FSLATPLRAG EEGSHSRKSL CRSREEAPPG DRGAPLSSAP ILGGWFGRGC TKRTKRKKVT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

## Target Details

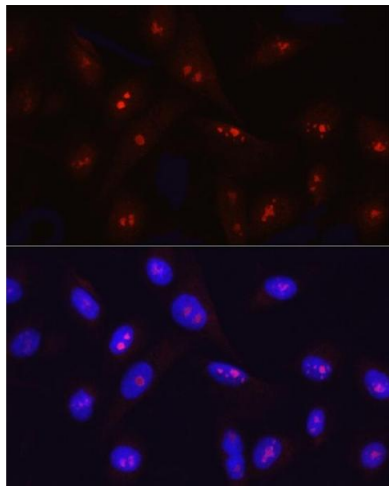
Target:	SIRT7
Alternative Name:	SIRT7 ( <a href="#">SIRT7 Products</a> )
Background:	This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions 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.,SIRT7,SIR2L7,sirtuin 7,Epigenetics & Nuclear Signaling,SIRT7
Molecular Weight:	20 kDa/35 kDa/44 kDa
Gene ID:	51547
UniProt:	<a href="#">Q9NRC8</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

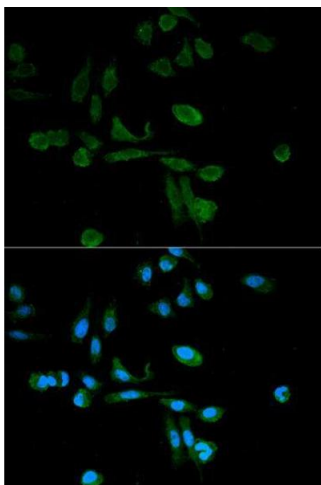
## Handling

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



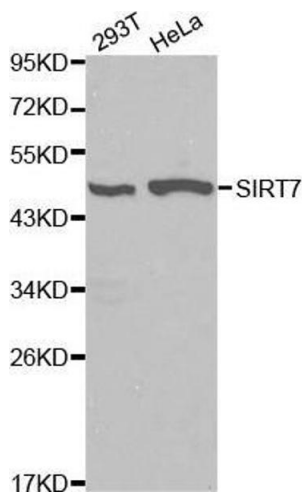
#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using SIRT7 Rabbit pAb (ABIN3021210, ABIN3021211, ABIN3021212 and ABIN6214068) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



#### Immunofluorescence

**Image 2.** Immunofluorescence analysis of HeLa cell using SIRT7 antibody. Blue: DAPI for nuclear staining.



#### Western Blotting

**Image 3.** Western blot analysis of 293T cell and HeLa cell lysate using SIRT7 antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3021211.