

Datasheet for ABIN7437188  
**anti-SIRT5 antibody (AA 37-310)**

## 6 Images

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## Overview

Quantity:	100 µL
Target:	SIRT5
Binding Specificity:	AA 37-310
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Sirtuin 5 (SIRT5)
Immunogen:	Recombinant Sirtuin 5 (SIRT5) corresponding to Ser37~Ser310 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SIRT5. It has been selected for its ability to recognize SIRT5 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

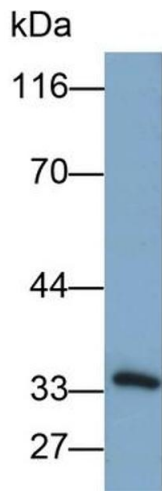
Target:	SIRT5
Alternative Name:	Sirtuin 5 ( <a href="#">SIRT5 Products</a> )
Background:	SIR2L5, Silent Mating Type Information Regulation 2 Homolog 5, NAD-dependent protein deacylase sirtuin-5, mitochondrial, Regulatory protein SIR2 homolog 5, SIR2-like protein 5
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

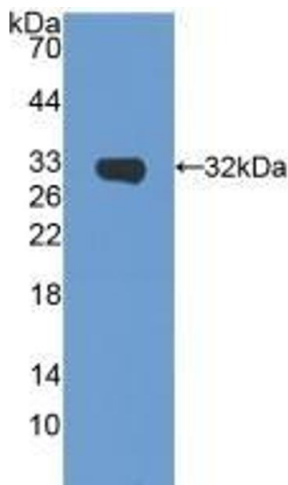
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
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
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



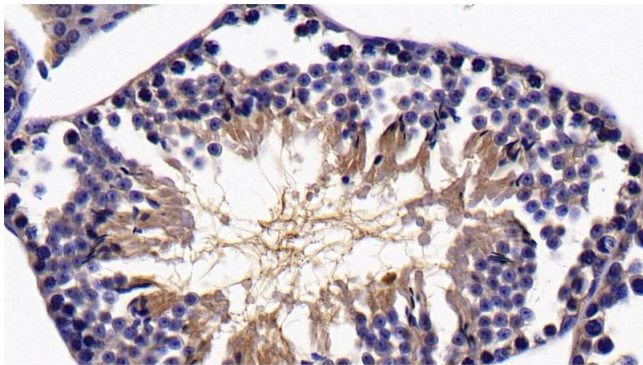
**Western Blotting**

**Image 1.** Detection of SIRT5 in Mouse Heart lysate using Polyclonal Antibody to Sirtuin 5 (SIRT5)



**Western Blotting**

**Image 2.** Detection of Recombinant SIRT5, Mouse using Polyclonal Antibody to Sirtuin 5 (SIRT5)



**Immunohistochemistry**

**Image 3.** Detection of SIRT5 in Mouse Testis Tissue using Polyclonal Antibody to Sirtuin 5 (SIRT5)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7437188.