

Datasheet for ABIN7437602
anti-SIRT4 antibody (AA 60-255)

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SIRT4
Binding Specificity:	AA 60-255
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Sirtuin 4 (SIRT4)
Immunogen:	Recombinant Sirtuin 4 (SIRT4) corresponding to Ala60~Val255 (Accession # G3V641)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SIRT4. It has been selected for its ability to recognize SIRT4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	SIRT4
Alternative Name:	Sirtuin 4 (SIRT4 Products)
Background:	SIR2L4, Silent Mating Type Information Regulation 2 Homolog 4, SIR2-like protein 4, NAD-dependent protein deacetylase sirtuin-4
Pathways:	Negative Regulation of Hormone Secretion

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

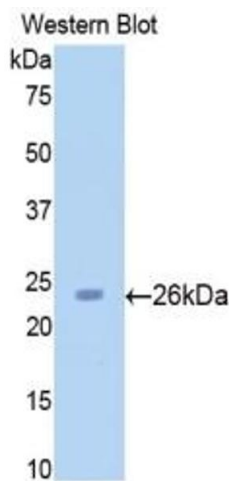
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	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



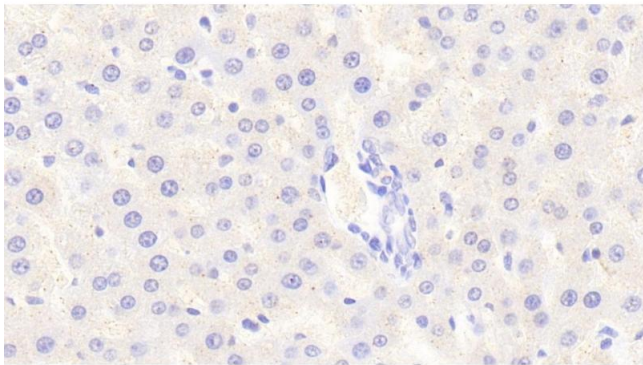
Western Blotting

Image 1. Detection of SIRT4 in Rat Liver lysate using Polyclonal Antibody to Sirtuin 4 (SIRT4)



Western Blotting

Image 2. Detection of Recombinant SIRT4, Rat using Polyclonal Antibody to Sirtuin 4 (SIRT4)



Immunohistochemistry

Image 3. Detection of SIRT4 in Rat Liver Tissue using Polyclonal Antibody to Sirtuin 4 (SIRT4)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7437602.