

Datasheet: AHP2420

Description:	RABBIT ANTI SIRT1
Specificity:	SIRT1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/400

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography
Antiserum Preparation	Antiserum to SIRT1 was raised by repeated immunisation of rabbits with highly purified antigen
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃) 0.2% Gelatin
Approx. Protein Concentrations	IgG concentration 0.2 mg/ml
Immunogen	Peptide mapping to the carboxy terminus of human SIRT1

**External Database
Links**

UniProt:

[Q96EB6](#) [Related reagents](#)

Entrez Gene:

[23411](#) SIRT1 [Related reagents](#)

Synonyms

SIR2L1

Specificity

Rabbit anti SIRT1 antibody recognizes silent mating type information regulation 2 homolog 1 (SIRT1) also known as NAD-dependent protein deacetylase sirtuin-1 (SIRT1) and regulatory protein SIR2 homolog 1.

SIRT1 is a member of the sirtuin family of deacetylases that play an important role in regulating gene expression ([Roth and Chen 2014](#)). Due to its function in DNA repair and tumorigenesis, SIRT1 has been identified as a potential therapeutic target for cancer ([Roth and Chen 2014](#)).

Western Blotting

Rabbit anti SIRT1 recognizes bands of approximately 117 kDa when run under reducing conditions

Storage

Store at +4°C. DO NOT FREEZE.
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

**Health And Safety
Information**

Material Safety Datasheet documentation #20341 available at:
<https://www.bio-rad-antibodies.com/SDS/AHP2420>
20341

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M360592:191126'

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