


Anti-SIRT3 antibody ab118334

★★★★☆ [4 Abreviews](#) [10 References](#) [画像数 1](#)

製品の概要

製品名	Anti-SIRT3 antibody
製品の詳細	Goat polyclonal to SIRT3
由来種	Goat
特異性	ab118334 is expected to recognize both reported isoforms (NP_071878.2; NP_001171275.1). Reported variants represent identical proteins: NP_071878.2; NP_001120823.1.
アプリケーション	適用あり: WB
種交差性	交差種: Mouse, Caenorhabditis elegans 交差が予測される動物種: Rat, Horse, Human, Pig 
免疫原	Synthetic peptide: RASGIPASKLVEAH with a Cysteine residue linker, corresponding to internal sequence amino acids 93-106 of Mouse SIRT3 (NP_071878.2), or amino acids 170-183 (NP_001171275.1). Run BLAST with Run BLAST with
ポジティブ・コントロール	Mouse heart lysate.
特記事項	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 99% Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified

特記事項 (精製)	ab118334 is purified from Goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
ポリモノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab118334の使用に適用されず
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★☆ (3)	Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 29 kDa (predicted molecular weight: 29 kDa). 1 hour primary incubation is recommended for this product.

ターゲット情報

機能	NAD-dependent protein deacetylase. Activates or deactivates mitochondrial target proteins by deacetylating key lysine residues. Known targets include ACSS1, IDH, GDH, SOD2, PDHA1, LCAD, SDHA and the ATP synthase subunit ATP5O. Contributes to the regulation of the cellular energy metabolism. Important for regulating tissue-specific ATP levels.
組織特異性	Widely expressed.
配列類似性	Belongs to the sirtuin family. Class I subfamily. Contains 1 deacetylase sirtuin-type domain.
翻訳後修飾	Processed by mitochondrial processing peptidase (MPP) to give a 28 kDa product. Such processing is probably essential for its enzymatic activity.
細胞内局在	Mitochondrion matrix.

画像



Anti-SIRT3 antibody (ab118334) at 0.3 µg/ml (for 1 hour) + Mouse Heart lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

Predicted band size: 29 kDa

An additional band of unknown identity was also consistently observed at 15kDa. This band was successfully blocked by incubation with the immunizing peptide.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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