antibodies - online.com







anti-SIRT5 antibody (AA 60-212)

Images



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Overview	
Quantity:	100 μg
Target:	SIRT5
Binding Specificity:	AA 60-212
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT5 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)
Product Details	
Immunogen:	Recombinant Human NAD-dependent protein deacylase sirtuin-5, mitochondrial protein (60-212AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified
Target Details	
Target:	SIRT5
Alternative Name:	SIRT5 (SIRT5 Products)
Background:	Background: NAD-dependent lysine demalonylase, desuccinylase and deglutarylase that

specifically removes malonyl, succinyl and glutaryl groups on target proteins (PubMed:21908771, PubMed:22076378, PubMed:24703693). Activates CPS1 and contributes to the regulation of blood ammonia levels during prolonged fasting: acts by mediating desuccinylation and deglutarylation of CPS1, thereby increasing CPS1 activity in response to elevated NAD levels during fasting (PubMed:22076378, PubMed:24703693). Activates SOD1 by mediating its desuccinylation, leading to reduced reactive oxygen species (PubMed:24140062). Modulates ketogenesis through the desuccinylation and activation of HMGCS2 (By similarity). Has weak NAD-dependent protein deacetylase activity, however this activity may not be physiologically relevant in vivo. Can deacetylate cytochrome c (CYCS) and a number of other proteins in vitro such as UOX.

Aliases: NAD dependent deacetylase sirtuin 5 antibody, NAD dependent lysine demalonylase and desuccinylase sirtuin 5 mitochondrial antibody, NAD dependent protein deacylase sirtuin 5 mitochondrial antibody, NAD-dependent protein deacylase sirtuin-5, mitochondrial antibody, Regulatory protein SIR2 homolog 5 antibody, Silent mating type information regulation 2 S.cerevisiae homolog 5 antibody, Sir2 like 5 antibody, SIR2-like protein 5 antibody, SIR2L5 antibody, SIR5_HUMAN antibody, Sirt5 antibody, Sirtuin 5 antibody, Sirtuin type 5 antibody

UniProt: Q9NXA8

Pathways: SARS-CoV-2 Protein Interactome

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Storage:

Format:

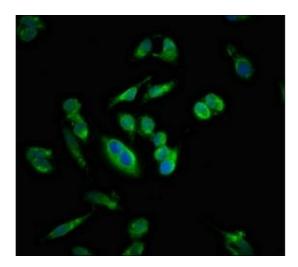
Buffer:
Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative:
ProClin

This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

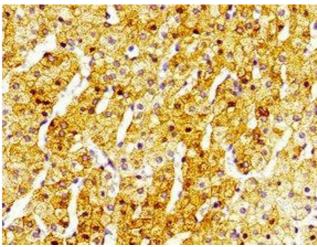
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

-20 °C,-80 °C



Immunofluorescence

Image 1. Immunofluorescent analysis of Hela cells using ABIN7160870 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7160870 at dilution of 1:100