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Datasheet for ABIN3032594

anti-SIRT5 antibody (AA 99-127)

3 Images

Overview

Quantity:	0.4 mL
Target:	SIRT5
Binding Specificity:	AA 99-127
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 99-127 from the human protein was used as the immunogen for this SIRT5 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	SIRT5
Alternative Name:	SIRT5 (SIRT5 Products)
Background:	This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined, however,

Target Details

yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class III of the sirtuin family. Alternative splicing of this gene results in multiple transcript variants.

UniProt: [Q9NXA8](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Titration of the SIRT5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

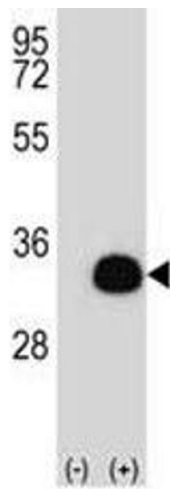
Buffer: In 1X PBS pH 7.4 with 0.09 % sodium azide

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: -20 °C

Storage Comment: Aliquot the SIRT5 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Western blot analysis of SIRT5 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the SIRT5 gene.



Western Blotting

Image 2. SIRT5 antibody western blot analysis in human placenta tissue lysate.



Western Blotting

Image 3. SIRT5 antibody western blot analysis in human placenta tissue lysate.