BT LAB
Bioassay Technology Laboratory
Optimize Your Research

SIRT2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08325
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human SIRT2. AA range:321-370
Mol wt	43182
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC,WB, ELISA
Concentration	1 mg/ml
Full name	SIRT2 Antibody
Synonyms	SIRT2; SIR2L; SIR2L2; NAD-dependent protein deacetylase sirtuin-2; Regulatory protein SIR2 homolog 2; SIR2-like protein 2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

SIRT2 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, 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 I of the sirtuin family. Several transcript variants are resulted from alternative splicing of SIRT2.

Recommended Dilution

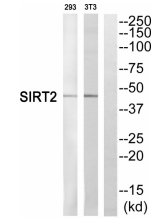
WB: 1: 500 - 1: 2000

ELISA: 1: 2000 - 1: 20000

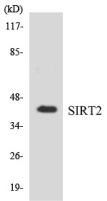
IHC: 1: 50 - 1: 300

Not yet tested in other applications.

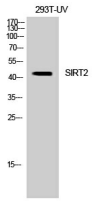
Images



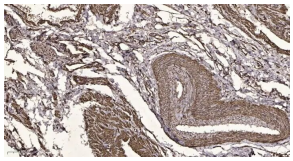
Western blot analysis of SIRT2 Antibody. The lane on the right is blocked with the SIRT2 peptide.



Western blot analysis of the lysates from RAW264.7cells using SIRT2 antibody.



Western Blot analysis of 293 cells using SIRT2 Polyclonal Antibody diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded human oophoroma. Antibody was diluted at 1:200(4° overnight). Tris-EDTA, pH9.0 was used for antigen retrieval. Secondary antibody was diluted at 1:200(room temperature, 45min).

Storage

-20°C for one year

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