

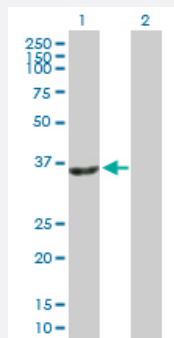
MaxPab®

SIRT2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00022933-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of SIRT2 expression in transfected 293T cell line ([H00022933-T02](#)) by SIRT2 MaxPab polyclonal antibody.

Lane 1: SIRT2 transfected lysate(38.72 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human SIRT2 protein.

Immunogen

SIRT2 (NP_085096.1, 1 a.a. ~ 352 a.a) full-length human protein.

Sequence

MDFLRNLFSQLSLGSQKERLLDELTLEGVARYMQSERCRRVICLVGAGISTSAGIPDFRSPSTGL
YDNLEKYHLPYPEAIFEISYFKKHPEPFFALAKELYPGQFKPTICHYFMRLKDKGLLLRCYTQNDTL
ERIGLEQEDLVEAHGTFYTHSCVSASCRHEYPLSWMKEKIFSEVTPKCEDCQSLVKPDMVFFGE
SLPARFFSCMQSDFLKVDLLVMGTSLQVQPFASLISKAPLSTPRLLINKEKAGQSDPFLGMIMGL
GGGMDFDSSKAYRDVAWLGECDQGCLALAEELLGWKKELEDLVRREHASIDAQSGAGVNPST
SASPKKSPPPAKDEARTTEREKPQ

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (87); Rat (87)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — SIRT2

Entrez GeneID [22933](#)

GeneBank Accession# [NM_030593](#)

Protein Accession# [NP_085096.1](#)

Gene Name SIRT2

Gene Alias SIR2, SIR2L, SIR2L2

Gene Description sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae)

Omim ID [604480](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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, 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. Two transcript variants result from alternative splicing of this gene. [provided by RefSeq]

Other Designations silencing information regulator 2-like|silent information regulator 2|sir2-related protein type 2|sirtuin 2|sirtuin type 2