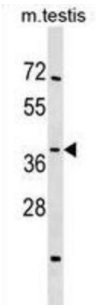
NAD-Dependent Protein Lipoamidase Sirtuin-4, Mitochondrial (SIRT4) Antibody

Catalogue No.:abx030099



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 IV of the sirtuin family.

Target:	NAD-Dependent Protein Lipoamidase Sirtuin-4, Mitochondrial (SIRT4)
Research Area:	Signal Transduction
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 67-95 amino acids from the N-terminal region of human SIRT4.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

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UniProt Primary AC:	Q9Y6E7 (UniProt, ExPASy)
Gene Symbol:	SIRT4
String:	9606.ENSP00000202967
Molecular Weight:	Calculated MW: 35.2 kDa
Buffer:	PBS containing 0.09% sodium azide.
Specificity:	Predicted to react with Cow SIRT4.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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