

DNAxPAb

Hard-to-Find
Antibody

SIRT3 DNAxPAb

Catalog # H00023410-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SIRT3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAFWGWRAAAALRLWGRVVERVEAGGGVGPFQACGCRLVLGGRDDVSAGLRGSHGARGEPLDPVRPLQRPPRPEVPRAFRRQPRAAAPSSFFSSIKGGRRSISFSVGASSVVGSGGSSDKGKLSLQDVAELIRARACQRVVVMVGAGISTPSGIPDFRSPGSGLYSNLQQYDLPYPEAIFELPFFFHNPKEFFTAKELYPGNYKPNVTHYFLRLLDKGLLLRLYTQNIIDGLERVSGIPASKLVEAHGTFASATCTVCQRPFPGEDIRADVMDRVPRCPVCTGVVKPDVFFGEPLPQRFLLHVVDFFPMADLLLILGTSLEVEPFASLTEAVRSSVPRLINRDLVGPLAWHPRSRDVAQLGDVVHGVESLVELLWTEEMRDLVQRETGKLDGPKD
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — SIRT3

Entrez GeneID [23410](#)

GeneBank Accession# [BC001042](#)

Protein Accession# [AAH01042](#)

Gene Name SIRT3

Gene Alias SIR2L3

Gene Description sirtuin (silent mating type information regulation 2 homolog) 3 (S. cerevisiae)

Omim ID [604481](#)

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 alternatively spliced transcript variants that encode different proteins have been described for this gene. [provided by RefSeq]

Other Designations mitochondrial nicotinamide adenine dinucleotide-dependent deacetylase|silent mating type information regulation 2, S.cerevisiae, homolog 3|sir2-like 3|sirtuin 3|sirtuin type 3

Disease

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