



Anti-SIRT6 (Mono-ADP-ribosyltransferase sirtuin-6) Phospho-Polyclonal Antibody

Category: Phospho-Polyclonal Antibody

Catalog #: Phospho-AB3I291(Phospho Site: 338S)

Antigen Synonym: SIR2L6(SIR2-like protein 6)

Species Reactivity: Human

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to C-terminal residues of human SIRT6 (Mono-ADP-ribosyltransferase sirtuin-6)

Description: SIRT6 (Mono-ADP-ribosyltransferase sirtuin-6) is 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. SIRT6 (Mono-ADP-ribosyltransferase sirtuin-6) is included in class IV of the sirtuin family. SIRT6 (Mono-ADP-ribosyltransferase sirtuin-6) contains 1 deacetylase sirtuin-type domain.

Reference:

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Kanfi,Y., et al, FEBS Lett. 582 (5), 543-548 (2008)
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Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com