

Anti-SIRT4 Antibody (Monoclonal, 33S62)

Catalog Number: M03764

About SIRT4

Sirtuin 4, also known as SIRT4, is a protein which in humans is encoded by the SIRT4 gene. 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.

Overview

Product Name	Anti-SIRT4 Antibody (Monoclonal, 33S62)
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-SIRT4 Antibody (Monoclonal, 33S62) catalog # M03764. Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat, Monkey.
Application	IHC, WB
Clonality	Monoclonal 33S62
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9Y6E7

Technical Details

Immunogen	Recombinant protein within human SIRT4 aa 3-312.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200

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