

Datasheet for ABIN927380

anti-SIRT4 antibody (Middle Region)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	SIRT4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	SIRT4 antibody was raised in rabbit using the middle region of SIRT4 as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Cow (Bovine), Pig (Porcine)
Purification:	Purified

Target Details

Target:	SIRT4
Alternative Name:	SIRT4
Background:	SIRT4 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.

Target Details

Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. SIRT4 is included in class IV of the sirtuin family.

Synonyms: Polyclonal SIRT4 antibody, Anti-SIRT4 antibody, sirtuin, silent mating type information regulation 2 homolog 4, *S. cerevisiae* antibody, MGC130046 antibody, MGC130047 antibody, MGC57437 antibody, SIR2L4 antibody, sirtuin 4 antibody.

Pathways: [Negative Regulation of Hormone Secretion](#)

Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	SIRT4 Blocking Peptide, (ABIN5616158), is also available for use as a blocking control in assays to test for specificity of this SIRT4 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.