

Product datasheet for **TA324083**

SIRT2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse heart tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 65-340 amino acids of human sirtuin 2
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	43 kDa
Gene Name:	sirtuin 2
Database Link:	NP_001180215 Entrez Gene 64383 Mouse Entrez Gene 361532 Rat Entrez Gene 22933 Human Q8IXJ6



[View online »](#)

Background:

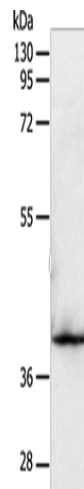
This gene encodes a member of the sirtuin family of proteins; homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known 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. Several transcript variants are resulted from alternative splicing of this gene.

Synonyms:

SIR2; SIR2L; SIR2L2

Protein Families:

Druggable Genome, Transcription Factors

Product images:

Gel: 10%SDS-PAGE

Lysate: 40 µg

Lane: Mouse heart tissue

Primary antibody: TA324083 (SIRT2 Antibody) at dilution 1/350

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 30 seconds