

OriGene Technologies, Inc.

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Product datasheet for TA362551

SIRT2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SIRT2
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	38 kDa
Gene Name:	sirtuin 2
Database Link:	<u>NP_001180215.1</u> <u>Entrez Gene 22933 Human</u> <u>Q8IXJ6-2</u>

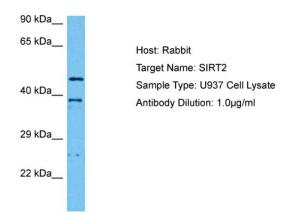


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SIRT2 Rabbit Polyclonal Antibody – TA362551

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; SIR2-like; SIR2L; SIR2L2
Protein Families:	Druggable Genome, Transcription Factors

Product images:



Host: Rabbit Target Name: SIRT2 Sample Tissue: Human U937 Whole Cell lysates Antibody Dilution: 1ug/ml

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