

Product datasheet for **TA319931**

SIRT6 Chicken Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5 - 1 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Chicken
Isotype:	IgY
Clonality:	Polyclonal
Immunogen:	SIRT6 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human SIRT6.
Formulation:	SIRT6 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	SIRT6 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	sirtuin 6
Database Link:	NP_001180214

[Entrez Gene 50721 Mouse](#)[Entrez Gene 299638 Rat](#)[Entrez Gene 51548 Human](#)
[Q8N6T7](#)

Background: SIRT6 Antibody: The Silent Information Regulator (SIR2) family of genes are highly conserved from prokaryotes to eukaryotes and have important functions in the regulation of metabolism, growth and differentiation, inflammation, cellular survival, as well as in senescence and lifespan extension. Sirtuins, including SIRT1-7, are human homologs of yeast Sir2p. Sirtuins are NAD⁺-dependent histone/protein deacetylases (HDAC) which regulate cellular metabolism, e.g. energy metabolism, and thereby are associated with aging and several age-related diseases. SIRT6 is a histone H3 lysine 9 deacetylase and is thought to stabilize the DNA-dependent protein kinase at double-stranded DNA breaks and may have a role in the process of mammalian aging.

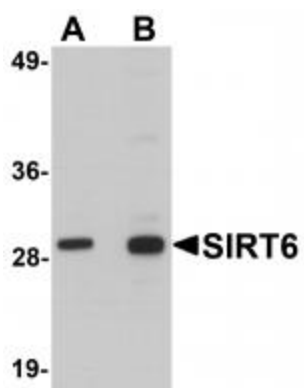


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Synonyms: SIR2L6

Protein Families: Druggable Genome, Transcription Factors

Product images:



Western blot analysis of SIRT6 in HeLa cell lysate with SIRT6 antibody at (A) 0.5 and (B) 1 ug/mL.