

Product datasheet for **TA319856**

SIRT4 Chicken Polyclonal Antibody

Product data:

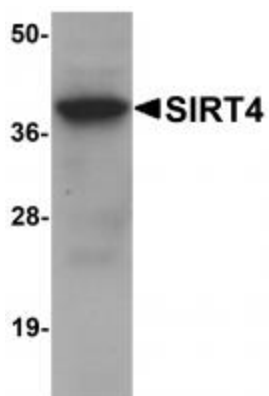
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Chicken
Isotype:	IgY
Clonality:	Polyclonal
Immunogen:	SIRT4 antibody was raised against a 17 amino acid synthetic peptide near the amino terminus of human SIRT4.
Formulation:	SIRT4 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	SIRT4 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 4
Database Link:	NP_036372 Entrez Gene 75387 Mouse Entrez Gene 304539 Rat Entrez Gene 23409 Human Q9Y6E7
Background:	SIRT4 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. SIRT4 localizes to mitochondria, inhibits glutamate dehydrogenase, and is thought to be involved in the regulation of insulin secretion.
Synonyms:	SIR2L4



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Protein Families: Druggable Genome, Transcription Factors

Product images:



Western blot analysis of SIRT4 in human liver tissue lysate with SIRT4 antibody at 1 ug/mL.