

## Product datasheet for **TA319855**

### SIRT5 Chicken Polyclonal Antibody

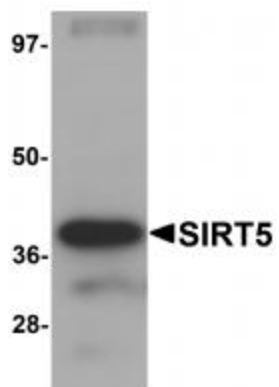
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse
Host:	Chicken
Isotype:	IgY
Clonality:	Polyclonal
Immunogen:	SIRT5 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human SIRT5.
Formulation:	SIRT5 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	SIRT5 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 5
Database Link:	<a href="#">NP_036373</a> <a href="#">Entrez Gene 23408 Human</a> <a href="#">Q9NXA8</a>
Background:	SIRT5 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 <sup>+</sup> -dependent histone/protein deacetylases (HDAC) which regulate cellular metabolism, e.g. energy metabolism, and thereby are associated with aging and several age-related diseases. SIRT5 localizes to mitochondria, deacetylates carbamoyl phosphate synthetase 1, and is involved in the regulation of the urea cycle.
Synonyms:	SIR2L5



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## Product images:



Western blot analysis of SIRT5 in human liver tissue lysate with SIRT5 antibody at 1 ug/mL.