

## Product datasheet for **TA324068S**

### SIRT6 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse stomach tissue
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 35-274 amino acids of human sirtuin 6
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
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:	39 kDa
Gene Name:	sirtuin 6
Database Link:	<a href="#">NP_001180214</a> <a href="#">Entrez Gene 50721 Mouse</a> <a href="#">Entrez Gene 51548 Human</a> <a href="#">Q8N6T7</a>

**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 IV of the sirtuin family. Alternative splicing results in multiple transcript variants.

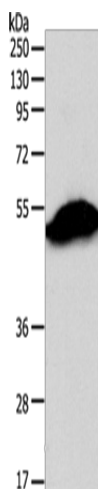


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Synonyms: SIR2L6

Protein Families: Druggable Genome, Transcription Factors

### Product images:



Gel: 10%SDS-PAGE  
Lysate: 40 µg  
Lane: Mouse stomach tissue  
Primary antibody: [TA324068] (SIRT6 Antibody) at dilution 1/300  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 5 seconds