

Product datasheet for **TA321852**

SIRT7 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse liver tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 90-331 amino acids of human sirtuin 7
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
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:	45 kDa
Gene Name:	sirtuin 7
Database Link:	NP_057622 Entrez Gene 209011 MouseEntrez Gene 303745 RatEntrez Gene 51547 Human Q9NRC8

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.

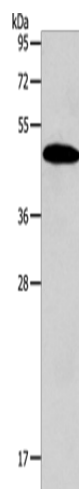


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Synonyms: SIR2L7

Protein Families: Druggable Genome, Transcription Factors

Product images:



Gel: 12%SDS-PAGE
Lysate: 40 μ g
Lane: Mouse liver tissue
Primary antibody: TA321852 (SIRT7 Antibody) at dilution 1/600
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 20 seconds