

SIRT3 antibody

Catalog No: #39196

Package Size: #39196-1 50ul #39196-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

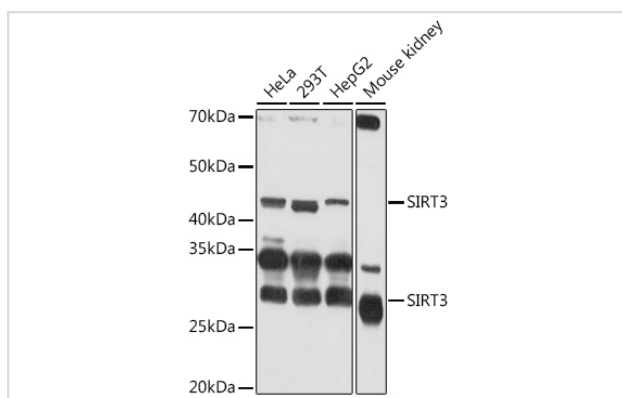
Description

Product Name	SIRT3 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total SIRT3 protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human SIRT3 (NP_036371.1).
Target Name	SIRT3
Other Names	SIRT3;SIR2L3;sirtuin 3
Accession No.	Uniprot:Q9NTG7GeneID:23410
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GeneID	23410
SDS-PAGE MW	28KDa/44KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

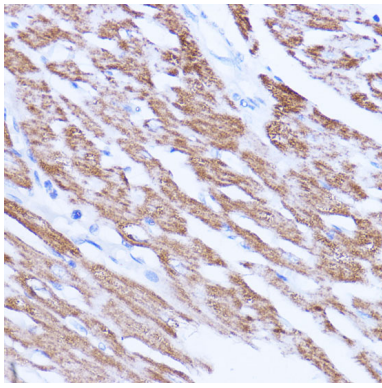
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200

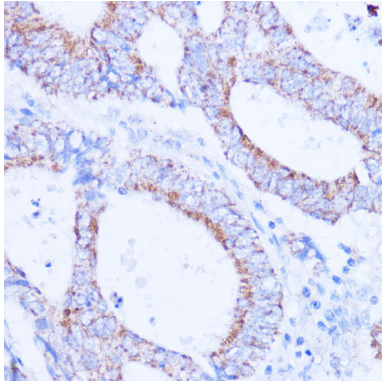
Images



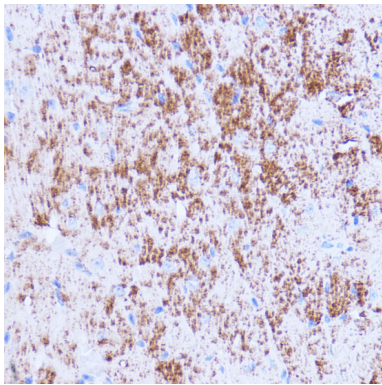
Western blot analysis of extracts of various cell lines, using SIRT3 antibody.



Immunohistochemistry of paraffin-embedded rat heart using SIRT3 antibody.



Immunohistochemistry of paraffin-embedded human colon carcinoma using SIRT3 antibody.



Immunohistochemistry of paraffin-embedded mouse heart using SIRT3 antibody.

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 I of the sirtuin family. Two alternatively spliced transcript variants that encode different proteins have been described for this gene.

Note: This product is for in vitro research use only