

SIRT3 Polyclonal Antibody

Catalog No: #30663

Package Size: #30663-1 50ul #30663-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

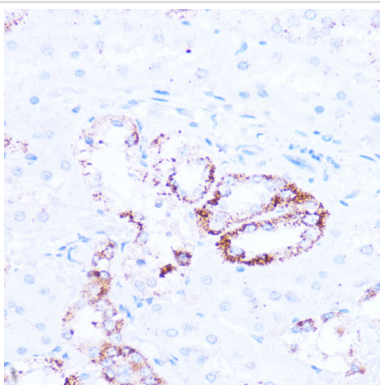
Description

Product Name	SIRT3 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human SIRT3 (NP_036371.1).
Other Names	SIRT3;SIR2L3;sirtuin 3
Accession No.	Uniprot:Q9NTG7GeneID:23410
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GeneID	23410
Calculated MW	28kDa
SDS-PAGE MW	28KDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

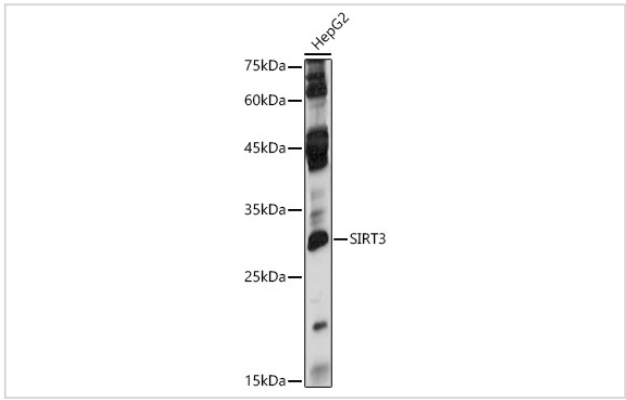
Application Details

WB□1:500 - 1:1000IHC□1:20 - 1:50IF□1:50 - 1:100

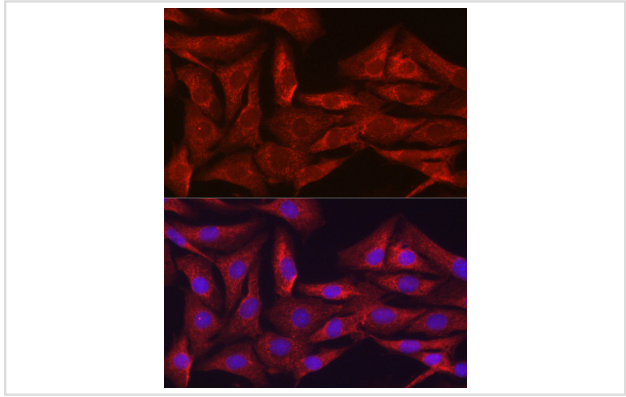
Images



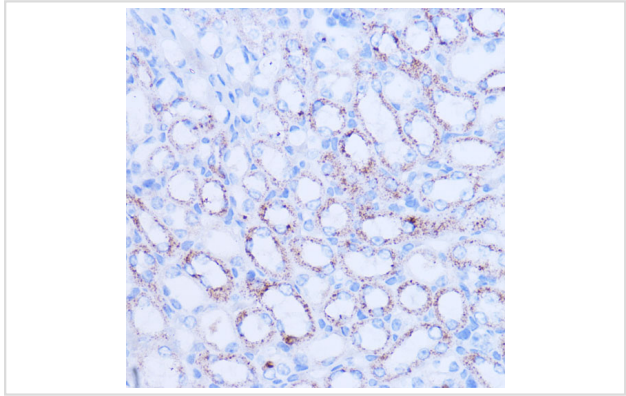
Immunohistochemistry of paraffin-embedded rat kidney using SIRT3 antibody.



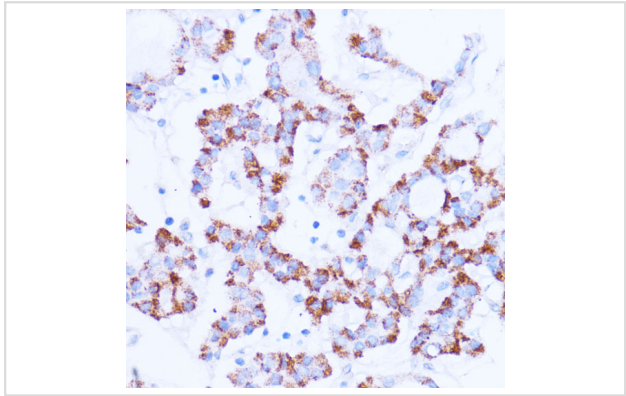
Western blot analysis of extracts of HepG2 cells, using SIRT3 antibody.



Immunofluorescence analysis of NIH-3T3 cells using [KO Validated] SIRT3 Rabbit pAb.



Immunohistochemistry of paraffin-embedded mouse kidney using SIRT3 antibody.



Immunohistochemistry of paraffin-embedded human thyroid cancer 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