

# Product Datasheet

## Sirtuin 2/SIRT2 Antibody - BSA Free NBP1-87039

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 2/21/2025 v.20.1

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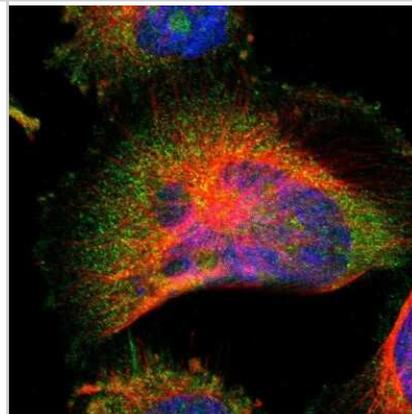
**NBP1-87039**

Sirtuin 2/SIRT2 Antibody - BSA Free

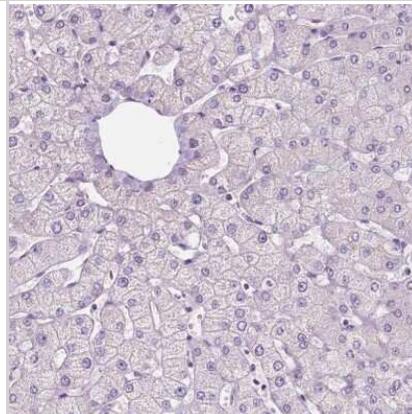
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	22933
<b>Gene Symbol</b>	SIRT2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (83%). Human reactivity reported in scientific literature (PMID: 24469059).
<b>Marker</b>	Early Oligodendrocyte Marker
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: KDKGLLLRCYTNIDTLERL IAGLEQEDLVEAHGTFYTS HCVSASCRHEYPLSW MKEKIFSEVTPKCEDCQSLVKPDIVFFGESLPARFFSCMQSDFLKVDLLL
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. WB reported in scientific literature (PMID: 24469059).

## Images

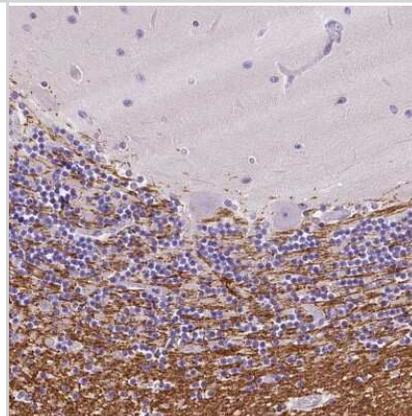
Immunocytochemistry/Immunofluorescence: Sirtuin 2/SIRT2 Antibody [NBP1-87039] - Staining of human cell line U-251 MG shows localization to nucleoli, plasma membrane and cytosol. Antibody stainign is shown in green.



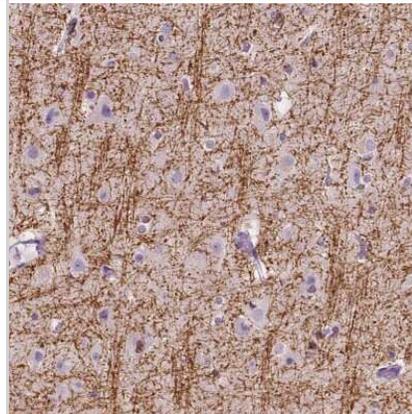
Immunohistochemistry-Paraffin: Sirtuin 2/SIRT2 Antibody [NBP1-87039] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: Sirtuin 2/SIRT2 Antibody [NBP1-87039] - Staining of human cerebellum shows moderate cytoplasmic positivity in oligodendrocytes.



Immunohistochemistry-Paraffin: Sirtuin 2/SIRT2 Antibody [NBP1-87039] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in oligodendrocytes.



## Publications

P K Bajpe, A Prahallad, H Horlings et al. A chromatin modifier genetic screen identifies SIRT2 as a modulator of response to targeted therapies through the regulation of MEK kinase activity. *Oncogene* 2014-01-27 [PMID: 24469059] (WB, Human)



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### **Products Related to NBP1-87039**

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NBP1-87039PEP	Sirtuin 2/SIRT2 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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