

Product Datasheet

Sirtuin 3/SIRT3 Antibody - Azide and BSA Free NBP3-02984-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-02984-100ul

Sirtuin 3/SIRT3 Antibody - Azide and BSA Free

Product Information

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol
Target Molecular Weight	44 kDa

Product Description

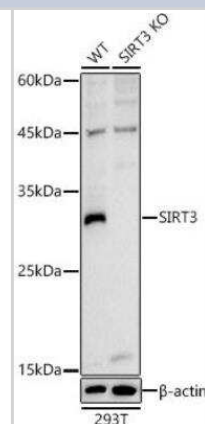
Host	Rabbit
Gene ID	23410
Gene Symbol	SIRT3
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 299-399 of human Sirtuin 3/SIRT3 (NP_036371.1). PQRFLHVVDFPMADLLLILGTSLEVEPFASLTEAVRSSVPRLINRDLVGPLAW HPRSRDVAQLGDVVHGVESLVELLGWTEEMRDLVQRETGKLDGPDK

Product Application Details

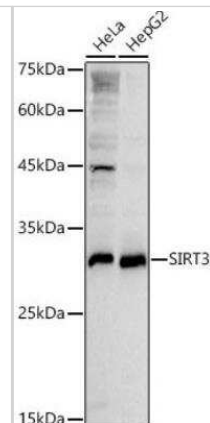
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin, Knockout Validated

Images

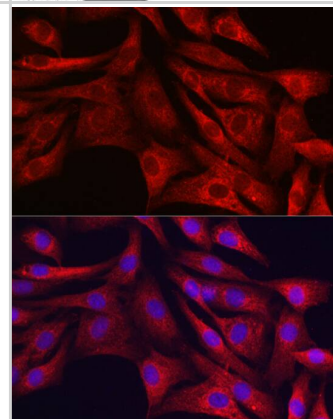
Western Blot: Sirtuin 3/SIRT3 Antibody [NBP3-02984] - Analysis of extracts from wild type(WT) and SIRT3 knockout (KO) 293T cells, using SIRT3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



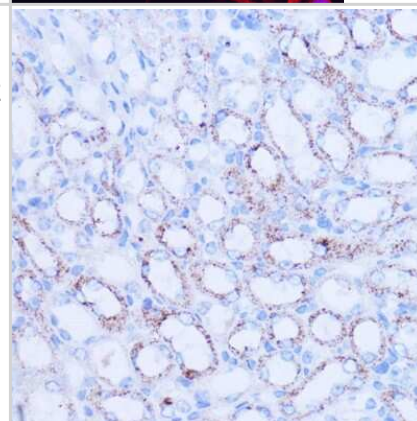
Western Blot: Sirtuin 3/SIRT3 Antibody [NBP3-02984] - Analysis of extracts of various cell lines, using SIRT3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



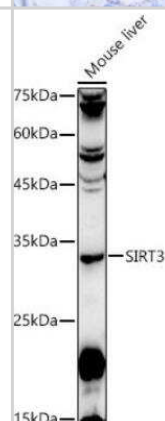
Immunocytochemistry/ Immunofluorescence: Sirtuin 3/SIRT3 Antibody - Azide and BSA Free [Sirtuin 3/SIRT3] - Immunofluorescence analysis of NIH/3T3 cells using Sirtuin 3/SIRT3 Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



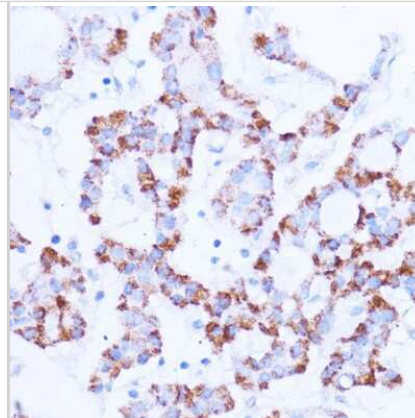
Immunohistochemistry-Paraffin: Sirtuin 3/SIRT3 Antibody [NBP3-02984] - Mouse kidney using SIRT3 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



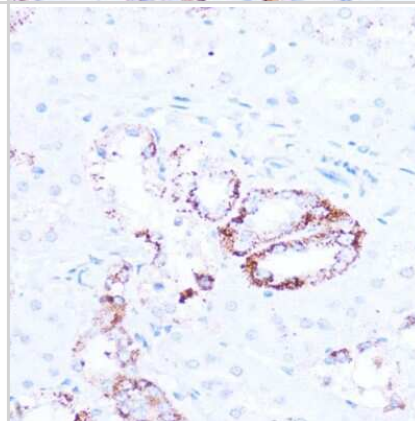
Western Blot: Sirtuin 3/SIRT3 Antibody [NBP3-02984] - Analysis of extracts of Mouse liver, using SIRT3 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry-Paraffin: Sirtuin 3/SIRT3 Antibody [NBP3-02984]
- Human thyroid cancer using SIRT3 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: Sirtuin 3/SIRT3 Antibody [NBP3-02984]
- Rat kidney using SIRT3 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.





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Products Related to NBP3-02984-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-87037PEP	Sirtuin 3/SIRT3 Recombinant Protein Antigen

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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