

Product Datasheet

Sirtuin 3/SIRT3 Antibody (704G7) NBP3-16083-100ul

Unit Size: 100 ul

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

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NBP3-16083-100ul

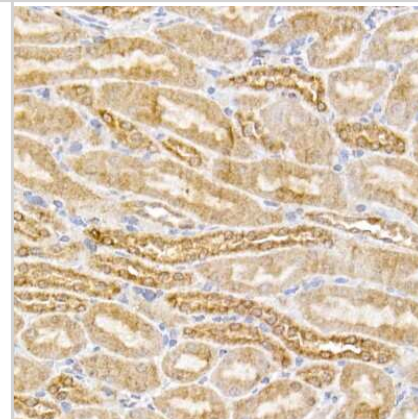
Sirtuin 3/SIRT3 Antibody (7O4G7)

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	Monoclonal
Clone	7O4G7
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit Sirtuin 3/SIRT3 Antibody (7O4G7) (NBP3-16083) is a recombinant monoclonal antibody validated for use in IHC, WB and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23410
Gene Symbol	SIRT3
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 300-399 of human Sirtuin 3/SIRT3 (NP_036371.1). QRFLLVVDFPMADLLLILGTSLEVEPFASLTEAVRSSVPRLLINRDLVGPLAWH PRSRDVAQLGDVVHGVESLVELLGWTEEMRDLVQRETGKLDGPK
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunoprecipitation 1:500 - 1:1000, Immunohistochemistry-Paraffin, Knockout Validated



Images

Immunohistochemistry-Paraffin: Sirtuin 3/SIRT3 Antibody (7O4G7) [NBP3-16083] - Immunohistochemistry of paraffin-embedded mouse kidney using [KO Validated] Sirtuin 3/SIRT3 Rabbit mAb (NBP3-16083) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



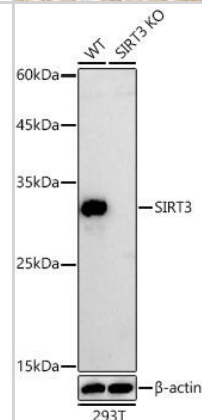
Western Blot: Sirtuin 3/SIRT3 Antibody (7O4G7) [NBP3-16083] - Western blot analysis of lysates from wild type (WT) and Sirtuin 3/SIRT3 knockout (KO) 293T cells using [KO Validated] Sirtuin 3/SIRT3 Rabbit mAb at 1:1000 dilution incubated overnight at 4C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 30s.



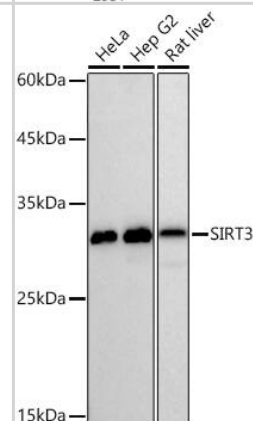
Western Blot: Sirtuin 3/SIRT3 Antibody (7O4G7) [NBP3-16083] - Western blot analysis of various lysates using [KO Validated] Sirtuin 3/SIRT3 Rabbit mAb at 1:1000 dilution incubated overnight at 4C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

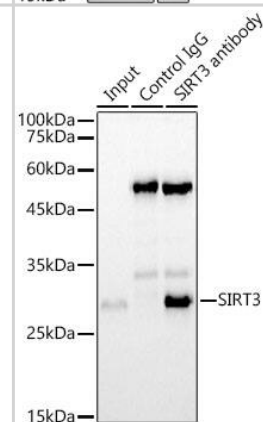
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 30s.



Immunoprecipitation: Sirtuin 3/SIRT3 Antibody (7O4G7) [NBP3-16083] - Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug Sirtuin 3/SIRT3 Rabbit mAb. Western blot was performed from the immunoprecipitate using Sirtuin 3/SIRT3 Rabbit mAb at a dilution of 1:1000.





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Products Related to NBP3-16083-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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