

Product Datasheet

Class III Histone Deacetylases Antibody Pack NBP3-20196

Unit Size: 9 Vials

Storage is content dependent.

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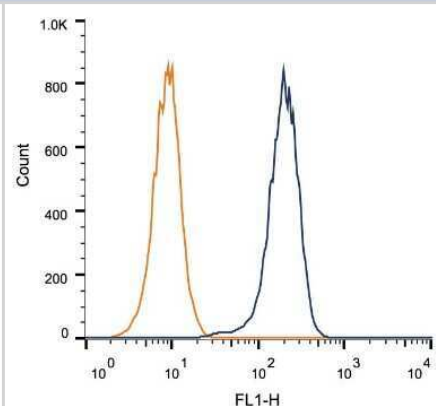
NBP3-20196**Class III Histone Deacetylases Antibody Pack**

Product Information	
Unit Size	9 Vials
Concentration	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
Storage	Storage is content dependent.
Product Description	
Description	This pack contains 1 vial each of: NBP1-51641SS (0.025 mg), MAB4358-SP (0.025 mg), MAB7488-SP (0.025 mg), AF5914-SP (0.025 mg), NB100-2524SS (0.025 mg), NB100-56364SS (0.025 mg), HAF007 (1.0 ml), HAF008 (1.0 ml) and HAF016 (1.0 ml).
Species	Human
Reactivity Notes	Antibodies in this pack are validated for use in the following species: NBP1-51641: Human, Mouse, Primate, Rabbit, Rat MAB4358: Human MAB7488: Human AF5914: Human NB100-2524: Human NB100-56364: Human HAF008: Rabbit HAF007: Mouse HAF016: Sheep
Immunogen	See individual datasheets.
Kit Components	NBP1-51641SS, MAB4358-SP, MAB7488-SP, AF5914-SP, NB100-2524SS, NB100-56364SS, HAF008: Goat anti-Rabbit IgG Secondary Antibody [HRP], HAF007: Goat anti-Mouse IgG Secondary Antibody [HRP], HAF016: Donkey anti-Sheep IgG Secondary Antibody [HRP]
Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot, Immunohistochemistry
Application Notes	Antibodies in this pack are validated for the following applications: NBP1-51641: ELISA, Flow (Intracellular), Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry Free-Floating, Immunohistochemistry-Paraffin, Western Blot MAB4358: Immunoprecipitation, Western Blot MAB7488: Western Blot AF5914: Immunohistochemistry, Immunoprecipitation, Western Blot NB100-2524: Immunocytochemistry/Immunofluorescence, Western Blot NB100-56364: Western Blot HAF008: Immunohistochemistry, Western Blot HAF007: Immunohistochemistry, Western Blot HAF016: Immunohistochemistry, Simple Western, Western Blot

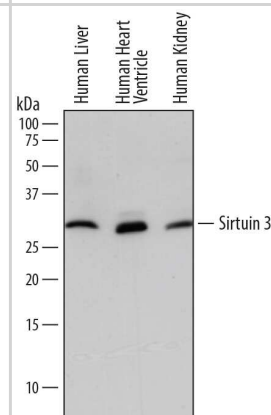


Images

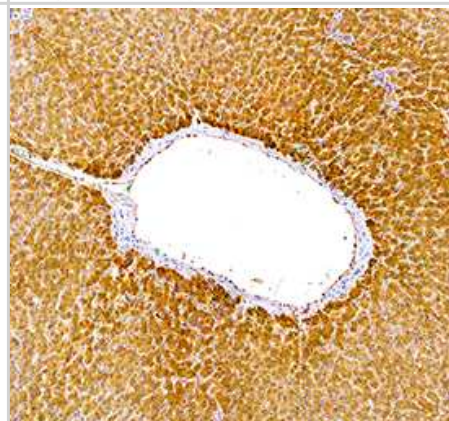
Intracellular flow cytometric staining of 1×10^6 HEK-293 cells using SIRT1 antibody (dark blue). Isotype control shown in orange. An antibody concentration of $1 \mu\text{g}/1 \times 10^6$ cells was used.



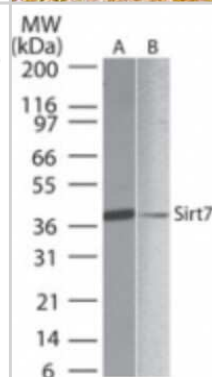
Western blot shows lysates of human liver tissue, human heart ventricle tissue, and human kidney tissue. PVDF membrane was probed with $2 \mu\text{g}/\text{mL}$ of Mouse Anti-Human Sirtuin 3/SIRT3 Monoclonal Antibody (Catalog # MAB7488) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF018). A specific band was detected for Sirtuin 3/SIRT3 at approximately 28 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.



Sirtuin 5/SIRT5 was detected in immersion fixed paraffin-embedded sections of human liver using Sheep Anti-Human Sirtuin 5/SIRT5 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF5914) at $10 \mu\text{g}/\text{mL}$ overnight at 4°C . Tissue was stained using the Anti-Sheep HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS019) and counterstained with hematoxylin (blue). Specific staining was localized to hepatocyte cytoplasm. View our protocol for Chromogenic IHC Staining of Paraffin-embedded Tissue Sections.



Analysis of SIRT7 in A) human liver and B) PBMC lysate using this antibody at $1 \mu\text{g}/\text{mL}$. Western blot shows lysates of A) human liver and B) PBMC lysate. PVDF membrane was probed with $1 \mu\text{g}/\text{mL}$ of SIRT7 Polyclonal Antibody (Catalog # NB100-56364) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody. A specific band was detected for SIRT7 at approximately 40 kDa (as indicated).





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Limitations

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

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