

# Product Datasheet

## Sirtuin 5/SIRT5 Antibody - BSA Free NB100-56372

Unit Size: 0.1 mg

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

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### Publications: 1

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**NB100-56372**

Sirtuin 5/SIRT5 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<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>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

**Product Description**

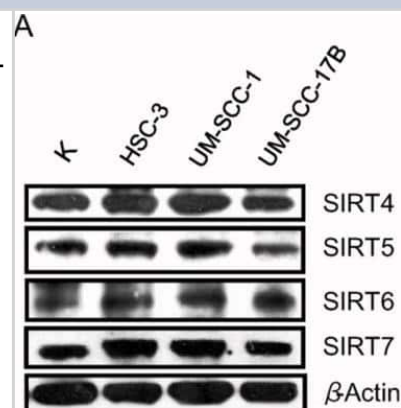
<b>Host</b>	Rabbit
<b>Gene ID</b>	23408
<b>Gene Symbol</b>	SIRT5
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids 30-46 of human SIRT5 was used as immunogen.

**Product Application Details**

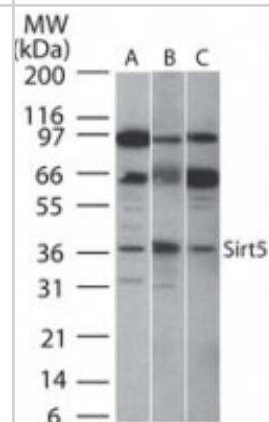
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1-3 ug/ml

**Images**

Western Blot: Sirtuin 5/SIRT5 Antibody [NB100-56372] - Immunoblots reveal the levels of sirtuins (SIRT4-7) in the OSCC cell lines HSC-3, UM-SCC-1, and UM-SCC-17B and in normal human oral keratinocytes (K). B-Actin served as loading control. Antibodies include SIRT4 (NB100-1406), SIRT5 (NB100-56372), and SIRT7 (NB100-56364). Image collected and cropped by CiteAb from the following publication ([doi.org/10.1002/cncr.25676](https://doi.org/10.1002/cncr.25676)) licensed under a CC-BY license.



Western Blot: Sirtuin 5/SIRT5 Antibody [NB100-56372] - Analysis of Sirtuin 5/SIRT5 in A) human, B) mouse and C) rat intestine cell lysate using this antibody at 2 ug/ml.



## Publications

Alhazzazi TY, Kamarajan P, Joo N et al. Sirtuin-3 (SIRT3), a novel potential therapeutic target for oral cancer. Cancer. 2011-04-15 [PMID: 21472714] (WB, Human)

### Details:

WB: SIRT4 (IMG-3580), SIRT5 (IMG-479), SIRT7 (IMG-425). Oral squamous cell carcinoma; HSC-3, UM-SCC-1, UM-SCC-17B, and normal human oral keratinocytes (k), Fig 1A.





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### **Products Related to NB100-56372**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NB100-56372PEP	Sirtuin 5/SIRT5 Antibody Blocking Peptide

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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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