

Product Datasheet

SIRT4 Antibody - BSA Free

NBP1-80747

Unit Size: 0.1 ml

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

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Publications: 2

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NBP1-80747

SIRT4 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

Description	Novus Biologicals Rabbit SIRT4 Antibody - BSA Free (NBP1-80747) is a polyclonal antibody validated for use in IHC and WB. Anti-SIRT4 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23409
Gene Symbol	SIRT4
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%), Rat (85%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VLQERFQVLNPTWSAEAHGLAPDGDVFLSEEQVRSFQVPTCVQCGGHLKPDV VFFGDTVNPDKVDFVHKRVKEADSLVVG

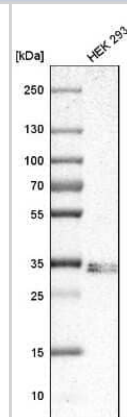
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

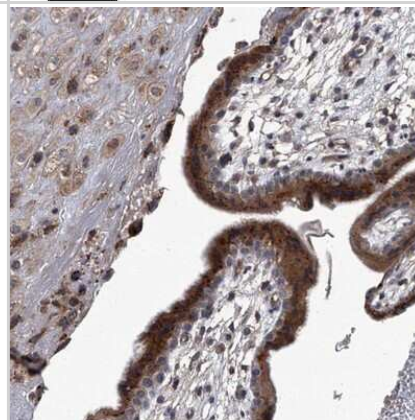


Images

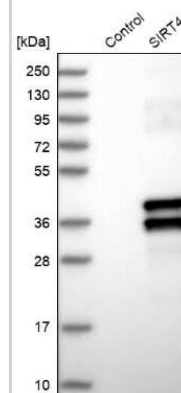
Western Blot: SIRT4 Antibody [NBP1-80747] - Analysis in human cell line HEK 293.



Immunohistochemistry-Paraffin: SIRT4 Antibody [NBP1-80747] - Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



Western Blot: SIRT4 Antibody [NBP1-80747] - Analysis in control (vector only transfected HEK293T lysate) and SIRT4 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



Publications

O'Leary TP, Kendrick RM, Bristow BN et al. Neuronal cell types, projections, and spatial organization of the central amygdala iScience 2022-12-22 [PMID: 36425768] (IF/IHC)

Alcantara MC, Suzuki K, Acebedo AR et al. Androgen-regulated MafB drives cell migration via MMP11-dependent extracellular matrix remodeling in mice iScience 2022-12-01 [PMID: 36465133] (Mouse)



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Products Related to NBP1-80747

NBP1-80747PEP	SIRT4 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

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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