

Product Datasheet

Nesfatin-1/Nucleobindin-2 Antibody - BSA Free NBP1-87383

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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NBP1-87383

Nesfatin-1/Nucleobindin-2 Antibody - BSA Free

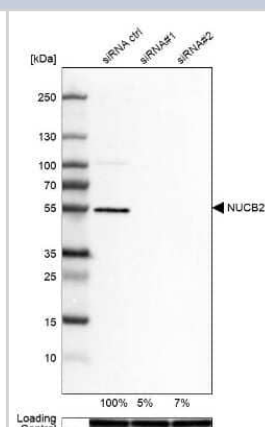
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	4925
Gene Symbol	NUCB2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 31670281). Rat (86%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MSEVDTNKDRLVTLLEFLKATEKKEFLEPDSWETLDQQQFFTEEELKEYENIIAL QENELKKKADELQKQKEELQRQHDQLEAQKLEYHQVIQQMEQKKLQQGIPPS GPAGELKFEPR

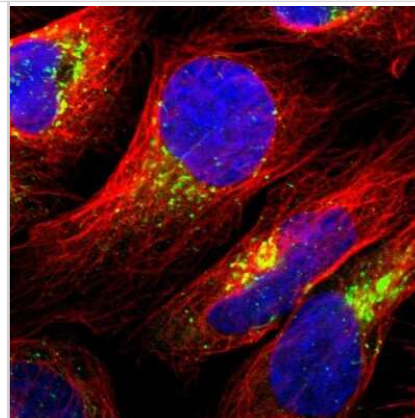
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

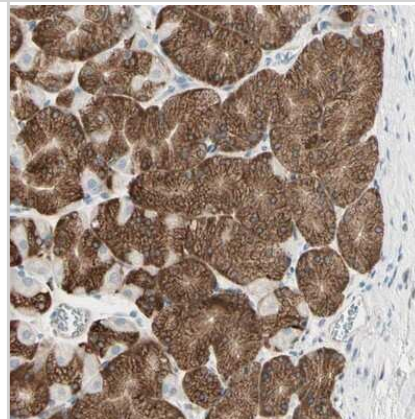
Western Blot: Nesfatin-1/Nucleobindin-2 Antibody [NBP1-87383] - Analysis in U-87MG ATCC cells transfected with control siRNA, target specific siRNA probe #1 and #2,. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



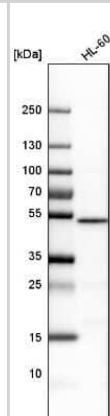
Immunocytochemistry/Immunofluorescence: Nesfatin-1/Nucleobindin-2 Antibody [NBP1-87383] - Staining of human cell line U-2 OS shows localization to the Golgi apparatus. Antibody staining is shown in green.



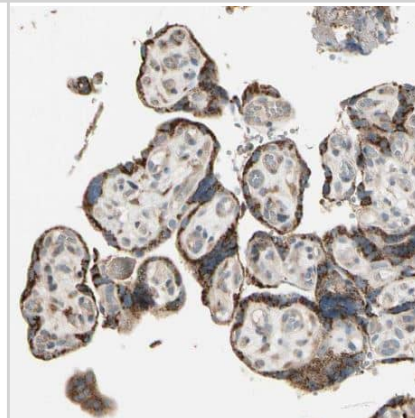
Immunohistochemistry-Paraffin: Nesfatin-1/Nucleobindin-2 Antibody [NBP1-87383] - Staining of human stomach shows strong cytoplasmic positivity in glandular cells.



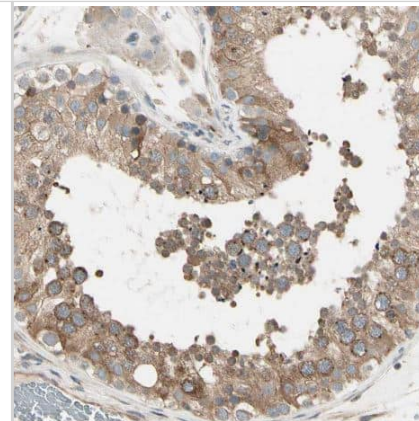
Western Blot: Nesfatin-1/Nucleobindin-2 Antibody [NBP1-87383] - Analysis in human cell line HL-60.



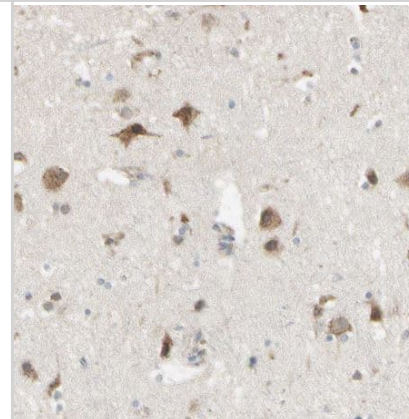
Immunohistochemistry-Paraffin: Nesfatin-1/Nucleobindin-2 Antibody [NBP1-87383] - Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



Immunohistochemistry-Paraffin: Nesfatin-1/Nucleobindin-2 Antibody [NBP1-87383] -Staining of human testis shows moderate cytoplasmic positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: Nesfatin-1/Nucleobindin-2 Antibody [NBP1-87383] -Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



Publications

Hui J, Aulakh G, Unniappan S, Singh B Localization of Nucleobindin2/Nesfatin-1-Like Immunoreactivity in Human Lungs and Neutrophils *Annals of Anatomy - Anatomischer Anzeiger* 2021-05-01 [PMID: 34082080] (Human)

Markowska A, Szarszewska M et al. The role of nesfatin and selected molecular factors in various types of endometrial cancer. *Ginekol Pol* 2019-07-11 [PMID: 31686413] (IF/IHC, Human)

Kaya O, Yilmaz ME, Bayram S et al. Effects of cannabinoid modulation on hypothalamic nesfatin-1 and insulin resistance *Chin J Physiol* 2019-11-01 [PMID: 31670281] (IF/IHC, Mouse)

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. *J Proteomics* 2012-04-03 [PMID: 22361696]



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Products Related to NBP1-87383

NBP1-87383PEP	Nesfatin-1/Nucleobindin-2 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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