

Product Datasheet

Beclin 1 Antibody Pack NB910-95610

Unit Size: 4 Vials

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

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Updated 10/23/2024 v.20.1

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NB910-95610**Beclin 1 Antibody Pack****Product Information**

Unit Size	4 Vials
Concentration	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Buffer	See individual datasheets

Product Description

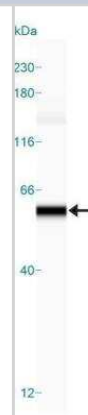
Description	This pack contains 1 vial each of: NB500-249 (0.1 mL), NB500-266 (0.1 mL) and NB110-87318 (0.1 mL).
Gene ID	8678
Gene Symbol	BECN1
Species	Human, Mouse, Rat
Reactivity Notes	See individual datasheets of components for their validated species
Immunogen	See individual datasheets
Kit Components	NB500-249: Beclin 1 Antibody - BSA Free, NB110-87318: Beclin 1 Antibody - BSA Free, NB500-266: Beclin 1 Antibody, HAF008: Goat anti-Rabbit IgG Secondary Antibody [HRP]

Product Application Details

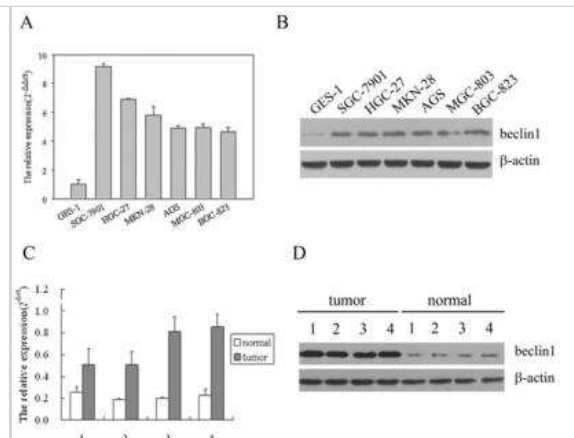
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot, Simple Western, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Knockdown Validated
Application Notes	See individual datasheets of components for their validated applications

Images

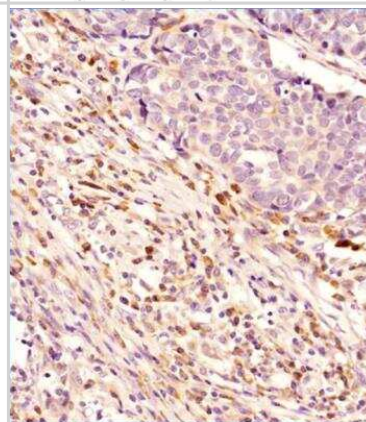
Beclin 1 Antibody Pack [NB910-95610] - Lane view shows a specific band for Beclin in 1.0 mg/ml of HeLa lysate using NB110-87318. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



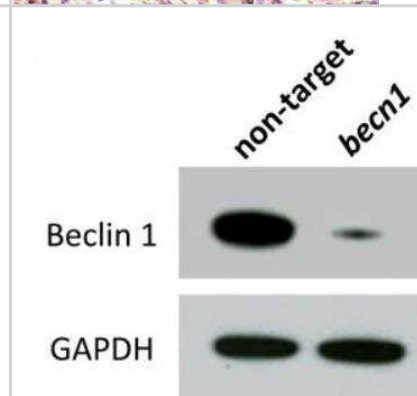
Beclin 1 Antibody Pack [NB910-95610] - Expression of Beclin 1 mRNA and protein in cells and tissues. (A) Beclin 1 mRNA expression level up-regulated in gastric cancer cell lines compared with normal gastric epithelial cells by reverse transcription-PCR. (B) Beclin 1 protein expression level up-regulated in gastric cancer cell lines compared with normal gastric epithelial cells by western blotting. (C) Beclin 1 mRNA expression is elevated in primary gastric tumors compared with paired gastric adjacent noncancerous tissues by reverse transcription-PCR. (D) Beclin 1 protein expression is elevated in primary gastric tumors compared with paired gastric adjacent noncancerous tissues by western blotting. Image collected and cropped by CiteAb from the following publication ([//doi.org/10.1371/journal.pone.0045968](https://doi.org/10.1371/journal.pone.0045968)) licensed under a CC-BY license. Anti-Beclin-1 Antibody NB500-249



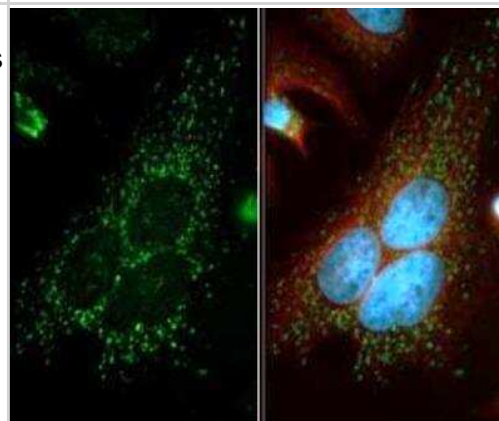
Immunohistochemistry: Beclin 1 Antibody Pack [NB910-95610] - Analysis of a FFPE tissue section of human breast cancer using Beclin 1 antibody (NB110-87318) at 1:300 dilution. The primary antibody bound to Beclin 1 antigen in the tissue section was detected using a HRP labeled secondary antibody and DAB reagent. Nuclei of the cells were counterstained with hematoxylin. Cytoplasmic staining can be seen in the cancer as well as the stromal cells. The signal was strongest in a subset of stromal cells which appears to be the cancer associated fibroblasts.



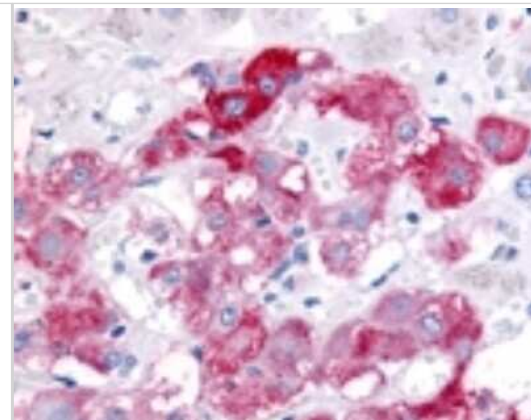
Knockdown Validated: Beclin 1 Antibody Pack [NB910-95610] - siRNA knockdown of becn1 (Beclin 1). Lysates from OKP7 cells treated with non-targeting siRNA (non-target) or an siRNA pool directed against Beclin 1 (becn1) were analyzed by Western blot for Beclin 1 production using NB500-249. GAPDH was used as a loading control. Image collected and cropped by CiteAb from the following publication ([//doi.org/10.1371/journal.ppat.1003394](https://doi.org/10.1371/journal.ppat.1003394)) licensed under a CC-BY license.



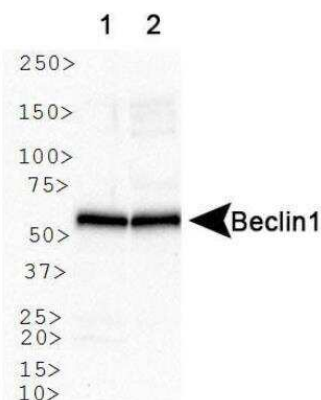
Immunocytochemistry/Immunofluorescence: Beclin 1 Antibody Pack [NB910-95610] - Beclin 1 antibody (NB500-249) was tested in HeLa cells with Dylight 488 (green, left panel). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red), shown in the overlay (right panel)



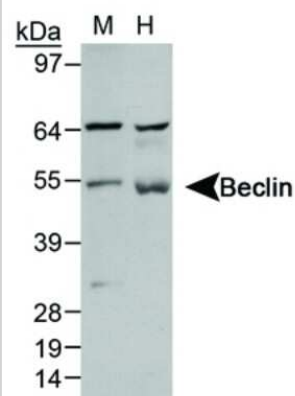
Immunohistochemistry: Beclin 1 Antibody Pack [NB910-95610] - Detecting Beclin 1 using NB500-249 in Pheochromocytes of the Adrenal Medulla at 40x.



Western Blot: Beclin 1 Antibody Pack [NB910-95610] - Analysis of Beclin1 using NB500-249. Lane 1: human brain. Lane 2: mouse brain.



Western Blot: Beclin 1 Antibody Pack [NB910-95610] - Detection of Beclin 1 in liver lysates using NB 500-266. Lane 1: mouse liver Lane 2: human liver.





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Products Related to NB910-95610

H00008678-P01-10ug	Recombinant Human Beclin 1 GST (N-Term) Protein
H00008878-M01	p62/SQSTM1 Antibody (2C11)
NB500-249	Beclin 1 Antibody - BSA Free
AF835	Caspase-3 Antibody [Unconjugated] - Active

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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