

# Product Datasheet

## Beclin 1 Antibody [HRP] NB500-249H

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 8/24/2023 v.20.1

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**NB500-249H**

Beclin 1 Antibody [HRP]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Conjugate</b>	HRP
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	8678
<b>Gene Symbol</b>	BECN1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Internal synthetic peptide to human Beclin 1, within residues 1-100 [UniProt# Q14457].
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Knockdown Validated
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



## Publications

Guo XL, Hu F, Wang H et al. Inhibition of autophagy in hepatocarcinoma cells promotes chemotherapeutic agent-induced apoptosis during nutrient deprivation *Oncol Rep.* 2018-02-01 [PMID: 29207161] (Human)

**Details:**

Citation using the HRP form of this antibody.

Casalino-Matsuda SM, Nair A, Beitel GJ et al. Hypercapnia Inhibits Autophagy and Bacterial Killing in Human Macrophages by Increasing Expression of Bcl-2 and Bcl-xL *J. Immunol* 2015-04-20 [PMID: 25895534] (WB, Human)

**Details:**

Using the HRP conjugated version of NB500-249, catalog number NB500-249H.

Song YJ, Zhang SS, Guo XL et al. Autophagy contributes to the survival of CD133+ liver cancer stem cells in the hypoxic and nutrient-deprived tumor microenvironment. *Cancer Lett* 2013-07-20 [PMID: 23879969] (WB, Human)

**Details:**

Using the HRP conjugated version of NB500-249, catalog number NB500-249H.

Song J, Qu Z, Guo X et al. Hypoxia-induced autophagy contributes to the chemoresistance of hepatocellular carcinoma cells. *Autophagy* 2009-11-01 [PMID: 19786832] (WB, Human)

**Details:**

Using the HRP conjugated version of NB500-249, catalog number NB500-249H.





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### **Products Related to NB500-249H**

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NBL1-07966	Beclin 1 Overexpression Lysate
NBP2-24891H	Rabbit IgG Isotype Control [HRP]
NB500-249G	Beclin 1 Antibody [DyLight 488]
H00008678-P01-10ug	Recombinant Human Beclin 1 GST (N-Term) Protein

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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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