

# Product Datasheet

## LC3B Antibody [Biotin] NB600-1384B

Unit Size: 0.1 ml

Store at 4C in the dark.

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### Publications: 2

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**NB600-1384B**

LC3B Antibody [Biotin]

Product Information	
<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>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Biotin
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	14.688 kDa
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	81631
<b>Gene Symbol</b>	MAP1LC3B
<b>Species</b>	Human, Mouse, Rat, Porcine, Bacteria, Bovine, Canine, Primate, Yeast, Zebrafish
<b>Reactivity Notes</b>	Use in Yeast reported in scientific literature (PMID:35247568). Use in Rat reported in scientific literature (PMID:34499623). Mouse reactivity reported in scientific literature (PMID:32802192). Zebrafish reactivity reported in scientific literature (PMID: 23724125). . Canine and primate reactivity reported in scientific literature (PMID: 24027311). Porcine reactivity reported in scientific literature (PMID: 25378587). . Rat reactivity reported in scientific literature (30067379). . Bacteria reactivity reported in scientific literature (31110360). . Bovine reactivity reported in scientific literature (21868124). . Other species have not been tested.
<b>Marker</b>	Autophagosome Marker
<b>Immunogen</b>	Polyclonal LC3B Antibody was made to a synthetic peptide made to the N-terminal region of the human LC3B protein. [Uniprot: Q9GZQ8]
Product Application Details	
<b>Applications</b>	Western Blot, Simple Western, Electron Microscopy, Flow Cytometry, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, Immunohistochemistry Free-Floating, Knockdown Validated, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, Electron Microscopy, Immunohistochemistry Free-Floating, Knockout Validated, Knockdown Validated
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



## Publications

Dehviri N, Mahmud T, Persson J et al. Amyloid precursor protein accumulates in aggresomes in response to proteasome inhibitor. *Neurochem Int* 2012-04-01 [PMID: 22366649]

Details:

Using the Biotin conjugated version of NB600-1384, catalog number NB600-1384B.

Zheng L, Terman A, Hallbeck M et al. Macroautophagy-generated increase of lysosomal amyloid b-protein mediates oxidant-induced apoptosis of cultured neuroblastoma cells. *Autophagy* 2011-01-01 [PMID: 22108004]

Details:

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### **Products Related to NB600-1384B**

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NBP2-29370	Streptavidin Native Protein
NBP2-24891B	Rabbit IgG Isotype Control [Biotin]
NB600-1384H	LC3B Antibody [HRP]
NB100-2220PEP	LC3B 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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