

Resource Summary Report

Generated by [RRID](#) on Sep 11, 2026

BECN1 (E-8)

RRID:AB_626745

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-48341, RRID:AB_626745

Antibody Information

URL: http://antibodyregistry.org/AB_626745

Proper Citation: Santa Cruz Biotechnology Cat# sc-48341, RRID:AB_626745

Target Antigen: BECN1

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Antibody Name: BECN1 (E-8)

Description: This monoclonal targets BECN1

Target Organism: rat, mouse, human

Clone ID: E-8

Antibody ID: AB_626745

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-48341

Record Creation Time: 20231110T043817+0000

Record Last Update: 20260828T235804+0000

Ratings and Alerts

No rating or validation information has been found for BECN1 (E-8).

No alerts have been found for BECN1 (E-8).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Rodriguez MN, et al. (2025) Sex does not influence neuronal autophagosome biogenesis throughout aging in mice. *Molecular biology of the cell*, 36(11), ar135.

Azarfarin M, et al. (2025) A Balanced Cannabinoids Mixture Protects Neural Stem/progenitor Cells from CoCl₂ Induced Injury by Regulating Autophagy and Inflammation: An in Vitro Study. *Neurotoxicity research*, 43(6), 49.

Kuramoto K, et al. (2023) Exercise-activated hepatic autophagy via the FN1- β 1 integrin pathway drives metabolic benefits of exercise. *Cell metabolism*, 35(4), 620.

Dong Y, et al. (2023) Eph receptor A4 regulates motor neuron ferroptosis in spinal cord ischemia/reperfusion injury in rats. *Neural regeneration research*, 18(10), 2219.

Liu J, et al. (2023) Activation of TLR7-mediated autophagy increases epileptic susceptibility via reduced KIF5A-dependent GABAA receptor transport in a murine model. *Experimental & molecular medicine*, 55(6), 1159.

Agrawal Y, et al. (2022) F-box protein FBXO41 plays vital role in arsenic trioxide-mediated autophagic death of cancer cells. *Toxicology and applied pharmacology*, 441, 115973.

Suárez-Barrio C, et al. (2021) Plasma Rich in Growth Factors Promotes Autophagy in ARPE19 Cells in Response to Oxidative Stress Induced by Blue Light. *Biomolecules*, 11(7).

Xin C, et al. (2021) Therapeutic silencing of SMOC2 prevents kidney function loss in mouse model of chronic kidney disease. *iScience*, 24(10), 103193.

Kuramoto K, et al. (2021) The autophagy protein Becn1 improves insulin sensitivity by promoting adiponectin secretion via exocyst binding. *Cell reports*, 35(8), 109184.

Bacci M, et al. (2019) Reprogramming of Amino Acid Transporters to Support Aspartate and Glutamate Dependency Sustains Endocrine Resistance in Breast Cancer. *Cell reports*, 28(1), 104.

Li F, et al. (2019) HSPB8 over-expression prevents disruption of blood-brain barrier by promoting autophagic flux after cerebral ischemia/reperfusion injury. *Journal of*

neurochemistry, 148(1), 97.

Stavoe AK, et al. (2019) Expression of WIPI2B counteracts age-related decline in autophagosome biogenesis in neurons. *eLife*, 8.

Ye J, et al. (2017) The role of autophagy in pro-inflammatory responses of microglia activation via mitochondrial reactive oxygen species in vitro. *Journal of neurochemistry*, 142(2), 215.