

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

BECN1 (H-300)

RRID:AB_2064465

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-11427, RRID:AB_2064465

Antibody Information

URL: http://antibodyregistry.org/AB_2064465

Proper Citation: Santa Cruz Biotechnology Cat# sc-11427, RRID:AB_2064465

Target Antigen: BECN1

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), ELISA

Antibody Name: BECN1 (H-300)

Description: This polyclonal targets BECN1

Target Organism: rat, mouse, human

Clone ID: H-300

Antibody ID: AB_2064465

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-11427

Record Creation Time: 20231110T043734+0000

Record Last Update: 20260829T004557+0000

Ratings and Alerts

No rating or validation information has been found for BECN1 (H-300).

Warning: Discontinued: 2016

Discontinued: 2016; validation status unknown check with seller; recommendations: ELISA; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), ELISA

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Scarcella M, et al. (2024) Metabolic rewiring and autophagy inhibition correct lysosomal storage disease in mucopolysaccharidosis IIIB. *iScience*, 27(3), 108959.

Karoussiotis C, et al. (2022) The μ -opioid receptor-induced autophagy is implicated in stress-driven synaptic alterations. *Frontiers in molecular neuroscience*, 15, 1039135.

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

Brattås PL, et al. (2021) Impact of differential and time-dependent autophagy activation on therapeutic efficacy in a model of Huntington disease. *Autophagy*, 17(6), 1316.

López-Pedrajas R, et al. (2021) Role of hippocampal NF- κ B and GluN2B in the memory acquisition impairment of experiences gathered prior to cocaine administration in rats. *Scientific reports*, 11(1), 20033.

Chen JL, et al. (2020) A sphingosine kinase 2-mimicking TAT-peptide protects neurons against ischemia-reperfusion injury by activating BNIP3-mediated mitophagy. *Neuropharmacology*, 181, 108326.

Chae CW, et al. (2020) High glucose-mediated PICALM and mTORC1 modulate processing of amyloid precursor protein via endosomal abnormalities. *British journal of pharmacology*, 177(16), 3828.

Cai Y, et al. (2016) Regulation of morphine-induced synaptic alterations: Role of oxidative stress, ER stress, and autophagy. *The Journal of cell biology*, 215(2), 245.