

Resource Summary Report

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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 (H-300)

Host Organism: rabbit

Clonality: polyclonal

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

Antibody Name: BECN1 (H-300)

Description: This polyclonal targets BECN1 (H-300)

Target Organism: rat, mouse, human

Antibody ID: AB_2064465

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-11427

Record Creation Time: 20241016T232118+0000

Record Last Update: 20241017T003139+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; Immunohistochemistry; Western Blot; Immunofluorescence; Immunocytochemistry; Immunoprecipitation; WB, IP, IF, IHC(P)

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 [FDI Lab - SciCrunch.org](#).

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.