

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

BiP Antibody

RRID:AB_10695864

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3183, RRID:AB_10695864

Antibody Information

URL: http://antibodyregistry.org/AB_10695864

Proper Citation: Cell Signaling Technology Cat# 3183, RRID:AB_10695864

Target Antigen: BiP

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 10/2018: AB_10695864, AB_2119843.

Antibody Name: BiP Antibody

Description: This polyclonal targets BiP

Target Organism: rat, mouse, human

Defining Citation: [PMID:22821687](#)

Antibody ID: AB_10695864

Vendor: Cell Signaling Technology

Catalog Number: 3183

Record Creation Time: 20250819T204935+0000

Record Last Update: 20250819T205708+0000

Ratings and Alerts

- Used for immunohistochemistry by the Human Islet Research Network community. Contact(s): [Raghavendra Mirmira](#), [Decio Eizirik](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for BiP Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Jo A, et al. (2025) Membrane-tethered SCOTIN condensates elicit an endoplasmic reticulum stress response by sequestering luminal BiP. Cell reports, 44(2), 115297.

Wu CY, et al. (2025) Glucose restriction shapes pre-metastatic innate immune landscapes in the lung through exosomal TRAIL. Cell.

Shang B, et al. (2024) Combination therapy enhances efficacy and overcomes toxicity of metal-based anti-diabetic agent. British journal of pharmacology, 181(21), 4214.

Sapienza S, et al. (2024) Ultrafine particulate matter pollution and dysfunction of endoplasmic reticulum Ca²⁺ store: A pathomechanism shared with amyotrophic lateral sclerosis motor neurons? Ecotoxicology and environmental safety, 273, 116104.

Li J, et al. (2023) Oxygen-carrying sequential preservation mitigates liver grafts ischemia-reperfusion injury. iScience, 26(1), 105858.

Liu W, et al. (2023) Targeting extracellular CIRP with an X-aptamer shows therapeutic potential in acute pancreatitis. iScience, 26(7), 107043.

Li Q, et al. (2023) PAC1 Deficiency Protects Obese Male Mice From Immobilization-Induced Muscle Atrophy by Suppressing FoxO-AtroGene Axis. Endocrinology, 164(6).

Abbonante V, et al. (2023) Lack of COL6/collagen VI causes megakaryocyte dysfunction by impairing autophagy and inducing apoptosis. Autophagy, 19(3), 984.

Li S, et al. (2022) Sarco/endoplasmic reticulum Ca²⁺ -ATPase (SERCA2b) mediates oxidation-induced endoplasmic reticulum stress to regulate neuropathic pain. British journal of pharmacology, 179(9), 2016.

Sapienza S, et al. (2022) Size-Based Effects of Anthropogenic Ultrafine Particles on Lysosomal TRPML1 Channel and Autophagy in Motoneuron-like Cells. International journal of molecular sciences, 23(21).

Ferguson ID, et al. (2022) Allosteric HSP70 inhibitors perturb mitochondrial proteostasis and overcome proteasome inhibitor resistance in multiple myeloma. Cell chemical biology,

29(8), 1288.

Anderson-Baucum E, et al. (2021) Deoxyhypusine synthase promotes a pro-inflammatory macrophage phenotype. *Cell metabolism*, 33(9), 1883.

Wang Y, et al. (2019) Long-Term Culture Captures Injury-Repair Cycles of Colonic Stem Cells. *Cell*, 179(5), 1144.

Costa R, et al. (2019) Impaired Mitochondrial ATP Production Downregulates Wnt Signaling via ER Stress Induction. *Cell reports*, 28(8), 1949.

González-García I, et al. (2018) Estradiol Regulates Energy Balance by Ameliorating Hypothalamic Ceramide-Induced ER Stress. *Cell reports*, 25(2), 413.

Abdulkarim B, et al. (2017) Guanabenz Sensitizes Pancreatic β Cells to Lipotoxic Endoplasmic Reticulum Stress and Apoptosis. *Endocrinology*, 158(6), 1659.

Martínez-Sánchez N, et al. (2017) Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. *Cell metabolism*, 26(1), 212.