

Resource Summary Report

Generated by [RRID](#) on Sep 4, 2026

GRP78 BiP antibody

RRID:AB_2119834

Type: Antibody

Proper Citation

Abcam Cat# ab21685, RRID:AB_2119834

Antibody Information

URL: http://antibodyregistry.org/AB_2119834

Proper Citation: Abcam Cat# ab21685, RRID:AB_2119834

Target Antigen: HSPA5

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012:western blot, immunoprecipitation, immunohistochemistry, immunocytochemistry

Antibody Name: GRP78 BiP antibody

Description: This polyclonal targets HSPA5

Target Organism: mouse, human

Antibody ID: AB_2119834

Vendor: Abcam

Catalog Number: ab21685

Record Creation Time: 20231110T050410+0000

Record Last Update: 20260829T000316+0000

Ratings and Alerts

No rating or validation information has been found for GRP78 BiP antibody.

No alerts have been found for GRP78 BiP antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 71 mentions in open access literature.

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

Hermenejildo J, et al. (2026) Obesity as a Determinant of Periodontal Therapy Outcomes: Insights on Oxidative and Endoplasmic Reticulum Stress Pathways. International dental journal, 76(3), 109472.

Shen Q, et al. (2026) Deciphering the Multiscale Morphology of Somatic Oncogenic Alterations in Hepatocellular Carcinoma. bioRxiv : the preprint server for biology.

Starr AL, et al. (2025) Disentangling cell-intrinsic and cell-extrinsic factors underlying evolution. Cell genomics, 5(8), 100891.

Zhu YX, et al. (2025) Molecular glue neferine induces BAP31 homodimerisation to disrupt endoplasmic reticulum-mitochondria crosstalk for anti-neuroinflammation in ischaemic stroke. British journal of pharmacology.

Xie M, et al. (2025) Artemisinin synergizes with CCCP in autophagic cell death induction via ER stress in uveal melanoma. iScience, 28(8), 112972.

Zheng J, et al. (2025) Endoplasmic reticulum stress and autophagy in cerebral ischemia/reperfusion injury: PERK as a potential target for intervention. Neural regeneration research, 20(5), 1455.

Wu M, et al. (2025) Caveolin-1 Regulates Ultrastructural Alterations of Astrocytes in Chronic Cerebral Hypoperfusion. Inflammation, 49(1), 20.

Badja C, et al. (2024) Insights from multi-omic modeling of neurodegeneration in xeroderma pigmentosum using an induced pluripotent stem cell system. Cell reports, 43(6), 114243.

Lu B, et al. (2024) Tumor necrosis factor-stimulated gene-6 inhibits endoplasmic reticulum stress in the ischemic mouse kidney. iScience, 27(12), 111454.

Nam J, et al. (2024) Delivery of CDNF by AAV-mediated gene transfer protects dopamine neurons and regulates ER stress and inflammation in an acute MPTP mouse model of Parkinson's disease. Scientific reports, 14(1), 16487.

Ma T, et al. (2024) Mea6/cTAGE5 cooperates with TRAPPC12 to regulate PTN secretion and white matter development. iScience, 27(3), 109180.

Gong X, et al. (2024) GABAergic interneurons in the hippocampal CA1 mediate contextual fear generalization in PTSD rats. Journal of neurochemistry, 168(9), 2587.

Tang X, et al. (2024) Treatment with β -sitosterol ameliorates the effects of cerebral ischemia/reperfusion injury by suppressing cholesterol overload, endoplasmic reticulum stress, and apoptosis. *Neural regeneration research*, 19(3), 642.

Jung CH, et al. (2024) The N-degron pathway mediates the autophagic degradation of cytosolic mitochondrial DNA during sterile innate immune responses. *Cell reports*, 44(1), 115094.

Wu Z, et al. (2024) Molecular basis for pH sensing in the KDEL trafficking receptor. *Structure (London, England : 1993)*, 32(7), 866.

Smith LJ, et al. (2023) The GBA variant E326K is associated with alpha-synuclein aggregation and lipid droplet accumulation in human cell lines. *Human molecular genetics*, 32(5), 773.

Nakahara R, et al. (2023) Hypoxia activates SREBP2 through Golgi disassembly in bone marrow-derived monocytes for enhanced tumor growth. *The EMBO journal*, 42(22), e114032.

Ma L, et al. (2023) Two RNA-binding proteins mediate the sorting of miR223 from mitochondria into exosomes. *eLife*, 12.

Marton S, et al. (2023) SOD1G93A Astrocyte-Derived Extracellular Vesicles Induce Motor Neuron Death by a miRNA-155-5p-Mediated Mechanism. *ASN neuro*, 15, 17590914231197527.

Lien CF, et al. (2023) Peroxisome proliferator-activated receptor γ improves the features of atherosclerotic plaque vulnerability by regulating smooth muscle cell phenotypic switching. *British journal of pharmacology*, 180(16), 2085.