

# Resource Summary Report

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

## GRP78 BiP antibody

RRID:AB\_2119834

Type: Antibody

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### Proper Citation

Abcam Cat# ab21685, RRID:AB\_2119834

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2119834](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:** 20250820T062131+0000

**Record Last Update:** 20250820T235403+0000

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### 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 68 mentions in open access literature.

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

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*.

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.

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

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.

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.

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.

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

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.

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

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.

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.

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

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.

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

Qu J, et al. (2023) Piezo1 suppression reduces demyelination after intracerebral hemorrhage. *Neural regeneration research*, 18(8), 1750.

Germon A, et al. (2023) Protein disulfide isomerase A3 activity promotes extracellular accumulation of proteins relevant to basal breast cancer outcomes in human MDA-MB-A231 breast cancer cells. *American journal of physiology. Cell physiology*, 324(1), C113.

Uzay B, et al. (2023) Neurotransmitter release progressively desynchronizes in induced human neurons during synapse maturation and aging. *Cell reports*, 42(2), 112042.