

Resource Summary Report

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GRP78/BIP antibody

RRID:AB_2119855

Type: Antibody

Proper Citation

(Proteintech Cat# 11587-1-AP, RRID:AB_2119855)

Antibody Information

URL: http://antibodyregistry.org/AB_2119855

Proper Citation: (Proteintech Cat# 11587-1-AP, RRID:AB_2119855)

Target Antigen: GRP78/BIP

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.

Applications: WB, IP, IHC, IF, FC, CoIP, ELISA

Antibody Name: GRP78/BIP antibody

Description: This polyclonal targets GRP78/BIP

Target Organism: chicken, rat, hamster, porcine, cow, sika deer, mouse, fish, bovine, zebrafish, human

Antibody ID: AB_2119855

Vendor: Proteintech

Catalog Number: 11587-1-AP

Record Creation Time: 20231110T075828+0000

Record Last Update: 20241114T230252+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 22 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Wang H, et al. (2024) DEPTOR attenuates asthma progression by suppressing endoplasmic reticulum stress through SOD1. *Biology direct*, 19(1), 114.

Zhang Y, et al. (2024) Iron overload in hypothalamic AgRP neurons contributes to obesity and related metabolic disorders. *Cell reports*, 43(3), 113900.

Song Y, et al. (2024) Using an ER-specific optogenetic mechanostimulator to understand the mechanosensitivity of the endoplasmic reticulum. *Developmental cell*, 59(11), 1396.

Dai H, et al. (2024) Deubiquitylase OTUD3 regulates integrated stress response to suppress progression and sorafenib resistance of liver cancer. *Cell reports*, 43(7), 114487.

Yang L, et al. (2023) Metformin inhibits inflammatory response and endoplasmic reticulum stress to improve hypothalamic aging in obese mice. *iScience*, 26(10), 108082.

Mun SH, et al. (2023) Marchf6 E3 ubiquitin ligase critically regulates endoplasmic reticulum stress, ferroptosis, and metabolic homeostasis in POMC neurons. *Cell reports*, 42(7), 112746.

Xiao X, et al. (2023) Involvement of spinal NADPH oxidase 4 and endoplasmic reticulum stress in morphine-tolerant rats. *Journal of neurochemistry*.

Cui X, et al. (2023) Exogenous hydrogen sulfide alleviates hepatic endoplasmic reticulum stress via SIRT1/FoxO1/PCSK9 pathway in NAFLD. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 37(8), e23027.

Takasugi M, et al. (2023) CD44 correlates with longevity and enhances basal ATF6 activity and ER stress resistance. *Cell reports*, 42(9), 113130.

Liu Y, et al. (2023) Mitochondrial SENP2 regulates the assembly of SDH complex under metabolic stress. *Cell reports*, 42(2), 112041.

Lacombe J, et al. (2023) Vitamin K-dependent carboxylation regulates Ca²⁺ flux and adaptation to metabolic stress in ? cells. *Cell reports*, 42(5), 112500.

Wang L, et al. (2022) Substitution of SERCA2 Cys674 accelerates aortic aneurysm by inducing endoplasmic reticulum stress and promoting cell apoptosis. *British journal of pharmacology*, 179(17), 4423.

Song J, et al. (2022) Aging Impairs Adaptive Unfolded Protein Response and Drives Beta Cell Dedifferentiation in Humans. *The Journal of clinical endocrinology and metabolism*, 107(12), 3231.

Su H, et al. (2022) Substitution of the SERCA2 Cys674 reactive thiol accelerates atherosclerosis by inducing endoplasmic reticulum stress and inflammation. *British journal of pharmacology*, 179(20), 4778.

Jiang N, et al. (2022) TIMP2 mediates endoplasmic reticulum stress contributing to sepsis-induced acute kidney injury. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 36(4), e22228.

Wang X, et al. (2021) Receptor-Mediated ER Export of Lipoproteins Controls Lipid Homeostasis in Mice and Humans. *Cell metabolism*, 33(2), 350.

Huang D, et al. (2021) TMEM41B acts as an ER scramblase required for lipoprotein biogenesis and lipid homeostasis. *Cell metabolism*, 33(8), 1655.

Sun X, et al. (2020) Hydrogen sulfide regulates muscle RING finger-1 protein S-sulfhydration at Cys44 to prevent cardiac structural damage in diabetic cardiomyopathy. *British journal of pharmacology*, 177(4), 836.

Hicks DA, et al. (2020) Extracellular Vesicles Isolated from Human Induced Pluripotent Stem Cell-Derived Neurons Contain a Transcriptional Network. *Neurochemical research*, 45(7), 1711.

Moss SM, et al. (2019) A *Legionella pneumophila* Kinase Phosphorylates the Hsp70 Chaperone Family to Inhibit Eukaryotic Protein Synthesis. *Cell host & microbe*, 25(3), 454.