Resource Summary Report

Generated by RRID on Sep 11, 2026

Phospho-PERK (Thr980) (16F8) Rabbit mAb

RRID:AB_2095853
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3179, RRID:AB_2095853

Antibody Information

URL: http://antibodyregistry.org/AB_2095853

Proper Citation: Cell Signaling Technology Cat# 3179, RRID:AB_2095853

Target Antigen: Phospho-PERK (Thr980)

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB
Consolidation on 10/2018: AB_10171200, AB_10175170, AB_2095850, AB_2095853.

Antibody Name: Phospho-PERK (Thr980) (16F8) Rabbit mAb

Description: This recombinant monoclonal targets Phospho-PERK (Thr980)

Target Organism: rat, mouse, human

Clone ID: 16F8

Antibody ID: AB_2095853

Vendor: Cell Signaling Technology

Catalog Number: 3179

Record Creation Time: 20231110T050538+0000

Record Last Update: 20260901T042245+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-PERK (Thr980) (16F8) Rabbit mAb.

No alerts have been found for Phospho-PERK (Thr980) (16F8) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 75 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Wu H, et al. (2026) Triglycerides induce endoplasmic reticulum lipid bilayer stress to activate PERK and enhance antifungal immunity. Cell reports, 45(2), 116976.

Liao Y, et al. (2026) Neuroserpin alleviates cerebral ischemia-reperfusion injury by suppressing ischemia-induced endoplasmic reticulum stress. Neural regeneration research, 21(1), 333.

Chen YL, et al. (2026) Endometrial stromal cell-derived TMAO sustains decidualization to prevent recurrent spontaneous abortion. Cell metabolism.

Jing J, et al. (2026) Recombinant tissue plasminogen activator protects neurons after intracerebral hemorrhage through activating the PI3K/AKT/mTOR pathway. Neural regeneration research, 21(4), 1574.

Fu Y, et al. (2026) ALG6 orchestrates coronavirus replication via the endoplasmic reticulum stress-autophagy axis. Cell reports, 45(4), 117108.

He Y, et al. (2026) Rational discovery of therapeutic PAK1 allosteric activators. Cell, 189(11), 3444.

Li X, et al. (2025) Uric Acid Causes Pancreatic ? Cell Death and Dysfunction via Modulating CHOP-Mediated Endoplasmic Reticulum Stress Pathways. Diseases (Basel, Switzerland), 13(7).

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

Fecher C, et al. (2025) Resting Ca2+ fluxes protect cells from fast mitochondrial fragmentation, cell stress responses, and immediate transcriptional reprogramming. Cellular and molecular life sciences : CMLS, 82(1), 238.

Chen K, et al. (2025) Selective removal of astrocytic PERK protects against glymphatic impairment and decreases toxic aggregation of ?-amyloid and tau. Neuron, 113(15), 2438.

Hu Q, et al. (2025) circATF6 triggers calcium overload to synergize with EGFR-TKI in non-small cell lung cancer via modulation of proteostasis. Cell reports, 44(12), 116659.

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.

Gui L, et al. (2025) Targeting the mevalonate pathway potentiates NUAK1 inhibition-induced immunogenic cell death and antitumor immunity. Cell reports. Medicine, 6(2), 101913.

Li X, et al. (2025) Accumulation of Damaging Lipids in the Arf1-Ablated Neurons Promotes Neurodegeneration through Releasing mtDNA and Activating Inflammatory Pathways in Microglia. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(16), e2414260.

Feng NN, et al. (2025) Ceftriaxone ameliorates tau phosphorylation and mislocalization in APP/PS1 AD mice by inhibiting endoplasmic reticulum stress. Neuropharmacology, 279, 110600.

Wang X, et al. (2025) Inhibition of Histone Deacetylases Induces Cancer Cell Apoptosis Through the PERK Pathway of ER Stress Response. Journal of cellular and molecular medicine, 29(21), e70928.

Qian Q, et al. (2024) Obesity disrupts the pituitary-hepatic UPR communication leading to NAFLD progression. Cell metabolism, 36(7), 1550.

Dai Y, et al. (2024) Thromboxane A2/thromboxane A2 receptor axis facilitates hepatic insulin resistance and steatosis through endoplasmic reticulum stress in non-alcoholic fatty liver disease. British journal of pharmacology, 181(7), 967.

Chopra S, et al. (2024) DEP-1 is a brain insulin receptor phosphatase that prevents the simultaneous activation of counteracting metabolic pathways. Cell reports, 43(12), 114984.

Andres M, et al. (2024) Insulin-degrading enzyme inhibition increases the unfolded protein response and favours lipid accumulation in the liver. British journal of pharmacology, 181(19), 3610.