

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

Bak Antibody

RRID:AB_2290287

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3814, RRID:AB_2290287

Antibody Information

URL: http://antibodyregistry.org/AB_2290287

Proper Citation: Cell Signaling Technology Cat# 3814, RRID:AB_2290287

Target Antigen: Bak1

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W

Antibody Name: Bak Antibody

Description: This polyclonal targets Bak1

Target Organism: mouse, human

Antibody ID: AB_2290287

Vendor: Cell Signaling Technology

Catalog Number: 3814

Record Creation Time: 20250820T043356+0000

Record Last Update: 20250820T191923+0000

Ratings and Alerts

No rating or validation information has been found for Bak Antibody.

No alerts have been found for Bak Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Srivastava S, et al. (2025) Structural basis of BAK sequestration by MCL-1 in apoptosis. *Molecular cell*, 85(8), 1606.

Ludwik KA, et al. (2024) Generation of two human induced pluripotent stem cell lines with BAX and BAK1 double knock-out using CRISPR/Cas9. *Stem cell research*, 76, 103377.

Jiang B, et al. (2022) Filamentous GLS1 promotes ROS-induced apoptosis upon glutamine deprivation via insufficient asparagine synthesis. *Molecular cell*, 82(10), 1821.

Sekar G, et al. (2022) Small molecule SJ572946 activates BAK to initiate apoptosis. *iScience*, 25(10), 105064.

Kalkavan H, et al. (2022) Sublethal cytochrome c release generates drug-tolerant persister cells. *Cell*, 185(18), 3356.

Li S, et al. (2021) The mitochondrial protein ERAL1 suppresses RNA virus infection by facilitating RIG-I-like receptor signaling. *Cell reports*, 34(3), 108631.

Karakas B, et al. (2021) Mitochondrial estrogen receptors alter mitochondrial priming and response to endocrine therapy in breast cancer cells. *Cell death discovery*, 7(1), 189.

Aka Y, et al. (2021) Kinome-wide RNAi screening for mediators of ABT-199 resistance in breast cancer cells identifies Wee1 as a novel therapeutic target. *The international journal of biochemistry & cell biology*, 137, 106028.

Duncan-Lewis C, et al. (2021) Cytoplasmic mRNA decay represses RNA polymerase II transcription during early apoptosis. *eLife*, 10.

Loo LSW, et al. (2020) BCL-xL/BCL2L1 is a critical anti-apoptotic protein that promotes the survival of differentiating pancreatic cells from human pluripotent stem cells. *Cell death & disease*, 11(5), 378.

Rowland LK, et al. (2019) Putative tumor suppressor cytoglobin promotes aryl hydrocarbon receptor ligand-mediated triple negative breast cancer cell death. *Journal of cellular biochemistry*, 120(4), 6004.

Fiskus W, et al. (2019) Superior efficacy of cotreatment with BET protein inhibitor and BCL2 or MCL1 inhibitor against AML blast progenitor cells. *Blood cancer journal*, 9(2), 4.

Gui??ze R, et al. (2019) Mitochondrial Reprogramming Underlies Resistance to BCL-2 Inhibition in Lymphoid Malignancies. *Cancer cell*, 36(4), 369.

Li D, et al. (2019) Estrogen-Related Hormones Induce Apoptosis by Stabilizing Schlafen-12 Protein Turnover. *Molecular cell*, 75(6), 1103.

Amrithraj AI, et al. (2017) Gestational Diabetes Alters Functions in Offspring's Umbilical Cord Cells With Implications for Cardiovascular Health. *Endocrinology*, 158(7), 2102.

Chowdhury I, et al. (2017) Gonadotropin-Dependent Neuregulin-1 Signaling Regulates Female Rat Ovarian Granulosa Cell Survival. *Endocrinology*, 158(10), 3647.