

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

BNIP3 antibody [ANa40]

RRID:AB_2066656

Type: Antibody

Proper Citation

Abcam Cat# ab10433, RRID:AB_2066656

Antibody Information

URL: http://antibodyregistry.org/AB_2066656

Proper Citation: Abcam Cat# ab10433, RRID:AB_2066656

Target Antigen: BNIP3

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA; Immunocytochemistry; Immunoprecipitation; Western Blot; ELISA, Immunocytochemistry, Immunohistochemistry-P, Immunoprecipitation, Western Blot

Antibody Name: BNIP3 antibody [ANa40]

Description: This monoclonal targets BNIP3

Target Organism: rat, mouse, human

Clone ID: Clone ANa40

Antibody ID: AB_2066656

Vendor: Abcam

Catalog Number: ab10433

Record Creation Time: 20231110T045113+0000

Record Last Update: 20260829T024050+0000

Ratings and Alerts

No rating or validation information has been found for BNIP3 antibody [ANa40].

No alerts have been found for BNIP3 antibody [ANa40].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Nakajima S, et al. (2026) Regulation of mitophagy by Fis1 and Fascin1-organized actin. Current biology : CB, 36(5), 1205.

Lu IL, et al. (2026) Hypoxia-inducible factor signaling regulates embryonic interneuron development, GRIN2B expression and adult cortical function. Developmental cell, 61(4), 773.

Affortit C, et al. (2024) The human OPA1delTTAG mutation induces adult onset and progressive auditory neuropathy in mice. Cellular and molecular life sciences : CMLS, 81(1), 80.

Mozzi A, et al. (2023) SARS-CoV-2 ORF3c impairs mitochondrial respiratory metabolism, oxidative stress, and autophagic flux. iScience, 26(7), 107118.

Xia Q, et al. (2023) Peroxiredoxin 2 is required for the redox mediated adaptation to exercise. Redox biology, 60, 102631.

Reisbeck L, et al. (2023) The iron chelator and OXPHOS inhibitor VLX600 induces mitophagy and an autophagy-dependent type of cell death in glioblastoma cells. American journal of physiology. Cell physiology, 325(6), C1451.

Mo L, et al. (2022) MCM7 supports the stemness of bladder cancer stem-like cells by enhancing autophagic flux. iScience, 25(9), 105029.

Affortit C, et al. (2022) A disease-associated mutation in thyroid hormone receptor $\alpha 1$ causes hearing loss and sensory hair cell patterning defects in mice. Science signaling, 15(738), eabj4583.

Yang M, et al. (2021) Deletion of the E3 ubiquitin ligase, Parkin, exacerbates chronic alcohol intake-induced cardiomyopathy through an Ambra1-dependent mechanism. British journal of pharmacology, 178(4), 964.

Mu J, et al. (2021) Necrostatin-1 prevents the proapoptotic protein Bcl-2/adenovirus E1B 19-kDa interacting protein 3 from integration into mitochondria. Journal of neurochemistry, 156(6), 929.

Affortit C, et al. (2021) Exacerbated age-related hearing loss in mice lacking the p43 mitochondrial T3 receptor. *BMC biology*, 19(1), 18.

Ordureau A, et al. (2021) Temporal proteomics during neurogenesis reveals large-scale proteome and organelle remodeling via selective autophagy. *Molecular cell*, 81(24), 5082.

Riis S, et al. (2020) IGF-1 Signalling Regulates Mitochondria Dynamics and Turnover through a Conserved GSK-3 β -Nrf2-BNIP3 Pathway. *Cells*, 9(1).

Miret-Casals L, et al. (2018) Identification of New Activators of Mitochondrial Fusion Reveals a Link between Mitochondrial Morphology and Pyrimidine Metabolism. *Cell chemical biology*, 25(3), 268.