

Resource Summary Report

Generated by [RRID](#) on Aug 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: 20250819T212412+0000

Record Last Update: 20250819T225025+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 12 mentions in open access literature.

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

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.

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.

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

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

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.

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.

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.

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.