Resource Summary Report

Generated by RRID on Jul 5, 2024

Anti-BNIP3L/Nix (D4R4B) Rabbit Antibody

RRID:AB_2688036
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 12396, RRID:AB_2688036)

Antibody Information

URL: http://antibodyregistry.org/AB_2688036

Proper Citation: (Cell Signaling Technology Cat# 12396, RRID:AB_2688036)

Target Antigen: BNIP3L/Nix

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC

Antibody Name: Anti-BNIP3L/Nix (D4R4B) Rabbit Antibody

Description: This monoclonal targets BNIP3L/Nix

Target Organism: human, monkey, mouse, rat

Clone ID: D4R4B

Antibody ID: AB_2688036

Vendor: Cell Signaling Technology

Catalog Number: 12396

Alternative Catalog Numbers: 12396S

Record Creation Time: 20231110T034039+0000

Record Last Update: 20240530T215855+0000

Ratings and Alerts

No rating or validation information has been found for Anti-BNIP3L/Nix (D4R4B) Rabbit Antibody.

No alerts have been found for Anti-BNIP3L/Nix (D4R4B) Rabbit Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Sun Y, et al. (2024) A mitophagy sensor PPTC7 controls BNIP3 and NIX degradation to regulate mitochondrial mass. Molecular cell, 84(2), 327.

Koppel SJ, et al. (2023) ?-Hydroxybutyrate preferentially enhances neuron over astrocyte respiration while signaling cellular quiescence. Mitochondrion, 68, 125.

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.

Long M, et al. (2022) DGAT1 activity synchronises with mitophagy to protect cells from metabolic rewiring by iron??depletion. The EMBO journal, 41(10), e109390.

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

Leermakers PA, et al. (2020) Iron deficiency-induced loss of skeletal muscle mitochondrial proteins and respiratory capacity; the role of mitophagy and secretion of mitochondria-containing vesicles. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 34(5), 6703.

Kullmann JA, et al. (2020) Oxygen Tension and the VHL-Hif1? Pathway Determine Onset of Neuronal Polarization and Cerebellar Germinal Zone Exit. Neuron, 106(4), 607.

Leermakers PA, et al. (2020) Pulmonary inflammation-induced alterations in key regulators of mitophagy and mitochondrial biogenesis in murine skeletal muscle. BMC pulmonary medicine, 20(1), 20.

Zhang Y, et al. (2018) Transcriptome Landscape of Human Folliculogenesis Reveals Oocyte and Granulosa Cell Interactions. Molecular cell, 72(6), 1021.

Li C, et al. (2018) PINK1 and PARK2 Suppress Pancreatic Tumorigenesis through Control of Mitochondrial Iron-Mediated Immunometabolism. Developmental cell, 46(4), 441.

Qian X, et al. (2017) Phosphoglycerate Kinase 1 Phosphorylates Beclin1 to Induce Autophagy. Molecular cell, 65(5), 917.