

Resource Summary Report

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NOX2/gp91phox antibody [EPR6991]

RRID:AB_11144496

Type: Antibody

Proper Citation

(Abcam Cat# ab129068, RRID:AB_11144496)

Antibody Information

URL: http://antibodyregistry.org/AB_11144496

Proper Citation: (Abcam Cat# ab129068, RRID:AB_11144496)

Target Antigen: NOX2/gp91phox antibody [EPR6991]

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: WB; Western Blot

Antibody Name: NOX2/gp91phox antibody [EPR6991]

Description: This monoclonal targets NOX2/gp91phox antibody [EPR6991]

Target Organism: rat, mouse, human

Antibody ID: AB_11144496

Vendor: Abcam

Catalog Number: ab129068

Record Creation Time: 20231110T060608+0000

Record Last Update: 20241115T064407+0000

Ratings and Alerts

No rating or validation information has been found for NOX2/gp91phox antibody [EPR6991].

No alerts have been found for NOX2/gp91phox antibody [EPR6991].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Rana AK, et al. (2024) γ -Hydroxybutyrate Improves the Redox Status, Cytokine Production and Phagocytic Potency of Glucose-Deprived HMC3 Human Microglia-like Cells. *Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology*, 19(1), 35.

Nørregaard LB, et al. (2024) Exercise training alters skeletal muscle microvascular endothelial cell properties in recent postmenopausal females. *The Journal of physiology*, 602(14), 3449.

Kang DH, et al. (2023) Blood flow patterns switch VEGFR2 activity through differential S-nitrosylation and S-oxidation. *Cell reports*, 42(11), 113361.

Hernandez-Espinosa DR, et al. (2023) Microglial reprogramming by Hv1 antagonism protects neurons from inflammatory and glutamate toxicity. *Journal of neurochemistry*, 165(1), 29.

Olivencia MA, et al. (2023) Oxidized soluble guanylyl cyclase causes erectile dysfunction in alcoholic mice. *British journal of pharmacology*.

Arias-Cavieres A, et al. (2023) A Consequence of Immature Breathing induces Persistent Changes in Hippocampal Synaptic Plasticity and Behavior: A Role of Pro-Oxidant State and NMDA Receptor Imbalance. *bioRxiv : the preprint server for biology*.

Arias-Cavieres A, et al. (2023) A consequence of immature breathing induces persistent changes in hippocampal synaptic plasticity and behavior: a role of prooxidant state and NMDA receptor imbalance. *Frontiers in molecular neuroscience*, 16, 1192833.

Zhang R, et al. (2022) Cellular signals converge at the NOX2-SHP-2 axis to induce reductive carboxylation in cancer cells. *Cell chemical biology*, 29(7), 1200.

Yang CC, et al. (2022) HO-1 Upregulation by Kaempferol via ROS-Dependent Nrf2-ARE Cascade Attenuates Lipopolysaccharide-Mediated Intercellular Cell Adhesion Molecule-1

Expression in Human Pulmonary Alveolar Epithelial Cells. Antioxidants (Basel, Switzerland), 11(4).

Wang CY, et al. (2022) Involvement of FoxO1, Sp1, and Nrf2 in Upregulation of Negative Regulator of ROS by 15d-PGJ2 Attenuates H₂O₂-Induced IL-6 Expression in Rat Brain Astrocytes. Neurotoxicity research, 40(1), 154.

Tian Z, et al. (2022) Gut microbiome dysbiosis contributes to abdominal aortic aneurysm by promoting neutrophil extracellular trap formation. Cell host & microbe, 30(10), 1450.

Rangan P, et al. (2022) Fasting-mimicking diet cycles reduce neuroinflammation to attenuate cognitive decline in Alzheimer's models. Cell reports, 40(13), 111417.

Vandenberg GG, et al. (2021) Astrocyte-mediated disruption of ROS homeostasis in Fragile X mouse model. Neurochemistry international, 146, 105036.

Yan J, et al. (2020) Atorvastatin improves motor function, anxiety and depression by NOX2-mediated autophagy and oxidative stress in MPTP-lesioned mice. Aging, 13(1), 831.

Yu Y, et al. (2020) Microglial Hv1 proton channels promote white matter injuries after chronic hypoperfusion in mice. Journal of neurochemistry, 152(3), 350.

Cho RL, et al. (2018) Haem oxygenase-1 up-regulation by rosiglitazone via ROS-dependent Nrf2-antioxidant response elements axis or PPAR γ attenuates LPS-mediated lung inflammation. British journal of pharmacology, 175(20), 3928.

Meerpohl JJ, et al. (2012) Deferasirox for managing iron overload in people with thalassaemia. The Cochrane database of systematic reviews(2), CD007476.