

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: human, mouse, rat

Antibody ID: AB_11144496

Vendor: Abcam

Catalog Number: ab129068

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 15 mentions in open access literature.

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

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

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

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.

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

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).

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

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.

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

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

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.

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.