

Resource Summary Report

Generated by [RRID](#) on Jul 8, 2024

eNOS/NOS Type III

RRID:AB_397691

Type: Antibody

Proper Citation

(BD Biosciences Cat# 610297, RRID:AB_397691)

Antibody Information

URL: http://antibodyregistry.org/AB_397691

Proper Citation: (BD Biosciences Cat# 610297, RRID:AB_397691)

Target Antigen: ND

Host Organism: mouse

Clonality: monoclonal

Comments: Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western blot
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Antibody Name: eNOS/NOS Type III

Description: This monoclonal targets ND

Target Organism: human, mouse, rat

Antibody ID: AB_397691

Vendor: BD Biosciences

Catalog Number: 610297

Record Creation Time: 20231110T044615+0000

Record Last Update: 20240531T010644+0000

Ratings and Alerts

- Independent validation by the NYU Langone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development
<https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for eNOS/NOS Type III.

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 [RRID](#).

Hu G, et al. (2023) Impacts of High Fructose Diet and Chronic Exercise on Nitric Oxide Synthase and Oxidative Stress in Rat Kidney. *Nutrients*, 15(10).

Habibi J, et al. (2023) Endothelial MRs Mediate Western Diet-Induced Lipid Disorders and Skeletal Muscle Insulin Resistance in Females. *Endocrinology*, 164(7).

Kuo A, et al. (2022) Murine endothelial serine palmitoyltransferase 1 (SPTLC1) is required for vascular development and systemic sphingolipid homeostasis. *eLife*, 11.

Lopez M, et al. (2022) Endothelial deletion of the cytochrome P450 reductase leads to cardiac remodelling. *Frontiers in physiology*, 13, 1056369.

Hula N, et al. (2022) The Long-Term Effects of Prenatal Hypoxia on Coronary Artery Function of the Male and Female Offspring. *Biomedicines*, 10(12).

Zhang X, et al. (2021) Inhibition of HSP90 S-nitrosylation alleviates cardiac fibrosis via TGF β /SMAD3 signalling pathway. *British journal of pharmacology*, 178(23), 4608.

Favre J, et al. (2021) Membrane estrogen receptor alpha (ER α) participates in flow-mediated dilation in a ligand-independent manner. *eLife*, 10.

Sasahara T, et al. (2021) Alzheimer's A β assembly binds sodium pump and blocks endothelial NOS activity via ROS-PKC pathway in brain vascular endothelial cells. *iScience*, 24(9), 102936.

Albrecht ED, et al. (2021) Maternal systemic vascular dysfunction in a primate model of

defective uterine spiral artery remodeling. *American journal of physiology. Heart and circulatory physiology*, 320(4), H1712.

Chen H, et al. (2019) Acute activation of endothelial AMPK surprisingly inhibits endothelium-dependent hyperpolarization-like relaxations in rat mesenteric arteries. *British journal of pharmacology*, 176(16), 2905.

Lotteau S, et al. (2019) A Mechanism for Statin-Induced Susceptibility to Myopathy. *JACC. Basic to translational science*, 4(4), 509.

Hu B, et al. (2016) Epigenetic Activation of WNT5A Drives Glioblastoma Stem Cell Differentiation and Invasive Growth. *Cell*, 167(5), 1281.

Coutinho P, et al. (2014) Aldosterone's rapid, nongenomic effects are mediated by striatin: a modulator of aldosterone's effect on estrogen action. *Endocrinology*, 155(6), 2233.

Aroor AR, et al. (2013) Dipeptidylpeptidase inhibition is associated with improvement in blood pressure and diastolic function in insulin-resistant male Zucker obese rats. *Endocrinology*, 154(7), 2501.