Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

Anti-Nitric Oxide Synthase I Antibody

RRID:AB_91824
Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# AB5380, RRID:AB_91824)

Antibody Information

URL: http://antibodyregistry.org/AB_91824

Proper Citation: (Sigma-Aldrich Cat# AB5380, RRID:AB_91824)

Target Antigen: Nitric Oxide Sythase I (NOS-I, bNOS, nNOS)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: IHC, WB

Antibody Name: Anti-Nitric Oxide Synthase I Antibody

Description: This polyclonal targets Nitric Oxide Sythase I (NOS-I, bNOS, nNOS)

Target Organism: monkey, rat, simian, mouse, human, sheep

Defining Citation: PMID:22740069, PMID:21280043

Antibody ID: AB_91824

Vendor: Sigma-Aldrich

Catalog Number: AB5380

Record Creation Time: 20250307T070256+0000

Record Last Update: 20250307T070300+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Nitric Oxide Synthase I Antibody.

No alerts have been found for Anti-Nitric Oxide Synthase I Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 27 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Shi HJ, et al. (2024) Hippocampal excitation-inhibition balance underlies the 5-HT2C receptor in modulating depressive behaviours. Brain : a journal of neurology, 147(11), 3764.

Schneider KM, et al. (2023) The enteric nervous system relays psychological stress to intestinal inflammation. Cell, 186(13), 2823.

Putra BP, et al. (2023) Pcgf1 gene disruption reveals primary involvement of epigenetic mechanism in neuronal subtype specification in the enteric nervous system. Development, growth & differentiation, 65(8), 461.

Nestor-Kalinoski A, et al. (2022) Unique Neural Circuit Connectivity of Mouse Proximal, Middle, and Distal Colon Defines Regional Colonic Motor Patterns. Cellular and molecular gastroenterology and hepatology, 13(1), 309.

Shi HJ, et al. (2022) Requirement of hippocampal DG nNOS-CAPON dissociation for the anxiolytic and antidepressant effects of fluoxetine. Theranostics, 12(8), 3656.

Swiegers J, et al. (2021) The distribution, number, and certain neurochemical identities of infracortical white matter neurons in the brains of a southern lesser galago, a black-capped squirrel monkey, and a crested macaque. The Journal of comparative neurology, 529(16), 3676.

Wright CM, et al. (2021) scRNA-Seq Reveals New Enteric Nervous System Roles for GDNF, NRTN, and TBX3. Cellular and molecular gastroenterology and hepatology, 11(5), 1548.

Ni RJ, et al. (2021) Whole-Brain Afferent Inputs to the Caudate Nucleus, Putamen, and Accumbens Nucleus in the Tree Shrew Striatum. Frontiers in neuroanatomy, 15, 763298.

Javed H, et al. (2021) Co-localization of nociceptive markers in the lumbar dorsal root ganglion and spinal cord of dromedary camel. The Journal of comparative neurology, 529(17), 3710.

Swiegers J, et al. (2021) The distribution, number, and certain neurochemical identities of

infracortical white matter neurons in a chimpanzee (Pan troglodytes) brain. The Journal of comparative neurology, 529(14), 3429.

Bokuli? E, et al. (2021) The Stereological Analysis and Spatial Distribution of Neurons in the Human Subthalamic Nucleus. Frontiers in neuroanatomy, 15, 749390.

Vaden RJ, et al. (2020) Parvalbumin interneurons provide spillover to newborn and mature dentate granule cells. eLife, 9.

Zhu LJ, et al. (2020) nNOS-CAPON blockers produce anxiolytic effects by promoting synaptogenesis in chronic stress-induced animal models of anxiety. British journal of pharmacology, 177(16), 3674.

Bhagwandin A, et al. (2020) Distribution, number, and certain neurochemical identities of infracortical white matter neurons in the brains of three megachiropteran bat species. The Journal of comparative neurology, 528(17), 3023.

Zhu LJ, et al. (2020) Systemic administration of ZLc-002 exerts anxiolytic-like effects by dissociation of nNOS from CAPON in adult mice. Biochemical and biophysical research communications, 523(2), 299.

Melo CGS, et al. (2020) Identification of intrinsic primary afferent neurons in mouse jejunum. Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society, 32(12), e13989.

Yamawaki N, et al. (2019) Long-range inhibitory intersection of a retrosplenial thalamocortical circuit by apical tuft-targeting CA1 neurons. Nature neuroscience, 22(4), 618.

Wang CZ, et al. (2019) Early-generated interneurons regulate neuronal circuit formation during early postnatal development. eLife, 8.

Cipriani G, et al. (2019) Muscularis Propria Macrophages Alter the Proportion of Nitrergic but Not Cholinergic Gastric Myenteric Neurons. Cellular and molecular gastroenterology and hepatology, 7(3), 689.

Salib M, et al. (2019) GABAergic Medial Septal Neurons with Low-Rhythmic Firing Innervating the Dentate Gyrus and Hippocampal Area CA3. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(23), 4527.