Resource Summary Report

Generated by RRID on Aug 1, 2026

NOS1 (A-11)

RRID:AB_626757
Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-5302, RRID:AB_626757

Antibody Information

URL: http://antibodyregistry.org/AB_626757

Proper Citation: Santa Cruz Biotechnology Cat# sc-5302, RRID:AB_626757

Target Antigen: NOS1

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Antibody Name: NOS1 (A-11)

Description: This monoclonal targets NOS1

Target Organism: rat, mouse, human

Clone ID: A-11

Defining Citation: PMID:22740069, PMID:20737599

Antibody ID: AB_626757

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-5302

Record Creation Time: 20250819T204923+0000

Record Last Update: 20250819T205610+0000

Ratings and Alerts

- Human colon Whole Mount technique staining in Submucosal plexus in Soma shows strong immunostaining. Human colon Whole Mount technique staining in Submucosal plexus in Fibers shows weak immunostaining. Human colon Whole Mount technique staining in Myenteric plexus in Soma shows strong immunostaining. Human colon Whole Mount technique staining in Myenteric plexus in Fibers shows weak immunostaining. Human colon Clarity technique staining in Submucosal plexus in Soma shows strong immunostaining. Human colon Clarity technique staining in Submucosal plexus in Fibers shows weak immunostaining. Human colon Clarity technique staining in Myenteric plexus in Soma shows strong immunostaining. Human colon Clarity technique staining in Myenteric plexus in Fibers shows weak immunostaining. Data provided by Tache lab. - Brookes et al. (2022) via SPARC https://sparc.science/resources/7Mlidjv3RIVrQ11hpBC8PK

No alerts have been found for NOS1 (A-11).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Liu W, et al. (2025) Intracalvariosseous injection: an approach for central nervous system drug delivery through skull bone marrow with a preclinical research in stroke. EBioMedicine, 112, 105568.

Prostebby M, et al. (2025) Activation of the periaqueductal gray controls respiratory output through a distributed brain network. Frontiers in physiology, 16, 1516771.

Castañeda-Arellano R, et al. (2025) The absence or the pharmacological blockade of the aryl hydrocarbon receptor promotes neuroprotection in the hippocampus after an ischemic insult. PloS one, 20(12), e0338936.

Xu XX, et al. (2023) Neuronal nitric oxide synthase/reactive oxygen species pathway is involved in apoptosis and pyroptosis in epilepsy. Neural regeneration research, 18(6), 1277.

Bárez-López S, et al. (2023) Translational and Posttranslational Dynamics in a Model Peptidergic System. Molecular & cellular proteomics : MCP, 22(5), 100544.

Yuan C, et al. (2023) Biotin-cGMP and -cAMP are able to permeate through the gap junctions of some amacrine cells in the mouse retina despite their large size. Frontiers in ophthalmology, 3, 1334602.

Ragauskas T, et al. (2022) Chemical phenotypes of intrinsic cardiac neurons in the newborn pig (Sus scrofa domesticus Erxleben, 1777). Journal of morphology, 283(1), 51.

Borsani E, et al. (2022) Role of melatonin in autism spectrum disorders in a male murine transgenic model: Study in the prefrontal cortex. Journal of neuroscience research, 100(3), 780.

Tomas R, et al. (2022) Intrinsic cardiac neurons of the adult pigs: chemical types, abundance, parameters and distribution within ganglionated plexus. Annals of anatomy = Anatomischer Anzeiger : official organ of the Anatomische Gesellschaft, 243, 151935.

Carr HS, et al. (2021) The PDZ Domain Protein SYNJ2BP Regulates GRK-Dependent Sst2A Phosphorylation and Downstream MAPK Signaling. Endocrinology, 162(2).

Valeri F, et al. (2021) Impact of the Age of Cecal Material Transfer Donors on Alzheimer's Disease Pathology in 5xFAD Mice. Microorganisms, 9(12).

Freudenberg F, et al. (2021) Hippocampal overexpression of NOS1AP promotes endophenotypes related to mental disorders. EBioMedicine, 71, 103565.

Guajardo HM, et al. (2021) The mouse dorsal raphe nucleus as understood by temporal Fgf8 lineage analysis. The Journal of comparative neurology, 529(8), 2042.

Oti T, et al. (2021) Oxytocin Influences Male Sexual Activity via Non-synaptic Axonal Release in the Spinal Cord. Current biology : CB, 31(1), 103.

Marciante AB, et al. (2020) Caspase lesions of PVN-projecting MnPO neurons block the sustained component of CIH-induced hypertension in adult male rats. American journal of physiology. Heart and circulatory physiology, 318(1), H34.

Masugi-Tokita M, et al. (2020) Metabotropic Glutamate Receptor Subtype 7 Is Essential for Ejaculation. Molecular neurobiology, 57(12), 5208.

Dos Reis Costa DEF, et al. (2020) High-Carbohydrate Diet Enhanced the Anticontractile Effect of Perivascular Adipose Tissue Through Activation of Renin-Angiotensin System. Frontiers in physiology, 11, 628101.

Fulcher N, et al. (2020) Deciphering midbrain mechanisms underlying prepulse inhibition of startle. Progress in neurobiology, 185, 101734.

Shen J, et al. (2019) Neurovascular Coupling in the Dentate Gyrus Regulates Adult Hippocampal Neurogenesis. Neuron, 103(5), 878.

Lee WH, et al. (2018) ZLc002, a putative small-molecule inhibitor of nNOS interaction with NOS1AP, suppresses inflammatory nociception and chemotherapy-induced neuropathic pain and synergizes with paclitaxel to reduce tumor cell viability. Molecular pain, 14, 1744806918801224.