

Resource Summary Report

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nNOS:C-Terminal (neuronal Nitric Oxide Synthase) Antibody

RRID:AB_572256

Type: Antibody

Proper Citation

ImmunoStar Cat# 24287, RRID:AB_572256

Antibody Information

URL: http://antibodyregistry.org/AB_572256

Proper Citation: ImmunoStar Cat# 24287, RRID:AB_572256

Target Antigen: Human nNOS (1419-1433)

Host Organism: rabbit

Clonality: polyclonal

Comments: Manufacturer Applications: Immunohistochemistry, Immunocytochemistry, Immunofluorescence, Western Blot; Note, The neuronal nitric oxide synthase C-terminal antiserum was quality control tested using standard immunohistochemical methods. The antiserum demonstrates strongly positive labeling of rat hypothalamus, striatum, cortex and spinal cord using indirect immunofluorescent and biotin/avidin-HRP techniques. Recommended primary dilutions are 1/1,000 - 1/1,500 in PBS/0.3% Triton X-100 - Cy3 Technique and 1/8,000 - 1/12,000 in PBS/0.3% Triton X-100 - Bn/Av-HRP Technique. By Western blot analysis of brain homogenates the antibody specifically labels a band of approximately 155 kD. Immuno-labeling is completely abolished by pre-adsorption with synthetic human nNOS (1419-1433) at 5 µg per mL of diluted antibody. No cross reactivity with other forms of NOS were observed. The nNOS antiserum has been used successfully in human, rat, mouse, guinea pig, cat, and monkey tissue. Detection of nNOS from other species will depend upon sequence homology.; Gene Symbol:

Antibody Name: nNOS:C-Terminal (neuronal Nitric Oxide Synthase) Antibody

Description: This polyclonal targets Human nNOS (1419-1433)

Target Organism: opossum, monkey, rat, vole, hamster, shrew, chick, mouse, cat, zebrafish, ferret, human

Defining Citation: [PMID:7516501](#), [PMID:7094343](#), [PMID:20506472](#), [PMID:10068309](#), [PMID:19350665](#), [PMID:7528096](#), [PMID:9096405](#), [PMID:21246547](#), [PMID:7534654](#), [PMID:17154256](#), [PMID:8393637](#), [PMID:9459447](#), [PMID:1474363](#), [PMID:24994982](#), [PMID:17099894](#)

Antibody ID: AB_572256

Vendor: ImmunoStar

Catalog Number: 24287

Record Creation Time: 20250820T021810+0000

Record Last Update: 20250820T131350+0000

Ratings and Alerts

No rating or validation information has been found for nNOS:C-Terminal (neuronal Nitric Oxide Synthase) Antibody.

No alerts have been found for nNOS:C-Terminal (neuronal Nitric Oxide Synthase) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Fisher J, et al. (2024) Cortical somatostatin long-range projection neurons and interneurons exhibit divergent developmental trajectories. *Neuron*, 112(4), 558.

Islam MN, et al. (2023) Immunohistochemical Distribution and Neurochemical Characterization of Huntingtin-Associated Protein 1 Immunoreactive Neurons in the Adult Mouse Lingual Ganglia. *Brain sciences*, 13(2).

Tarif AMM, et al. (2023) Neurochemical phenotypes of huntingtin-associated protein 1 in reference to secretomotor and vasodilator neurons in the submucosal plexuses of rodent small intestine. *Neuroscience research*, 191, 13.

Zhang F, et al. (2022) Secretin receptor deletion in the subfornical organ attenuates the activation of excitatory neurons under dehydration. *Current biology : CB*, 32(22), 4832.

Sokhadze G, et al. (2022) The organization of cholinergic projections in the visual thalamus of the mouse. *The Journal of comparative neurology*, 530(7), 1081.

Tarif AMM, et al. (2021) Immunohistochemical expression and neurochemical phenotypes of huntingtin-associated protein 1 in the myenteric plexus of mouse gastrointestinal tract. *Cell and tissue research*, 386(3), 533.

McCosh RB, et al. (2020) Evidence that Nitric Oxide Is Critical for LH Surge Generation in Female Sheep. *Endocrinology*, 161(3).

Islam MN, et al. (2020) Expression of huntingtin-associated protein 1 in adult mouse dorsal root ganglia and its neurochemical characterization in reference to sensory neuron subpopulations. *IBRO reports*, 9, 258.

Nam H, et al. (2019) Critical roles of ARHGAP36 as a signal transduction mediator of Shh pathway in lateral motor columnar specification. *eLife*, 8.

Lischinsky JE, et al. (2017) Embryonic transcription factor expression in mice predicts medial amygdala neuronal identity and sex-specific responses to innate behavioral cues. *eLife*, 6.