

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

Nitro tyrosine antibody [HM.11]

RRID:AB_305725

Type: Antibody

Proper Citation

Abcam Cat# ab7048, RRID:AB_305725

Antibody Information

URL: http://antibodyregistry.org/AB_305725

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Target Antigen: Nitro tyrosine antibody [HM.11]

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:2;2b ELISA, IHC-Fr, IHC-P, WB; ELISA; Immunohistochemistry - frozen; Immunohistochemistry; Immunohistochemistry - fixed; 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:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Nitro tyrosine antibody [HM.11]

Description: This monoclonal targets Nitro tyrosine antibody [HM.11]

Antibody ID: AB_305725

Vendor: Abcam

Catalog Number: ab7048

Record Creation Time: 20250819T235009+0000

Record Last Update: 20250820T063401+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, 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 Nitro tyrosine antibody [HM.11].

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 [NIF](#) .

Tortolani D, et al. (2025) Chronic palmitoylethanolamide administration via slow-release subcutaneous pellets promotes neuroprotection and mitigates neuroinflammation in the Tg2576 mouse model of Alzheimer's disease. *Frontiers in cellular neuroscience*, 19, 1571428.

Buoso C, et al. (2024) Dopamine?iron homeostasis interaction rescues mitochondrial fitness in Parkinson's disease. *Neurobiology of disease*, 196, 106506.

Peixoto DO, et al. (2023) Increased alpha-synuclein and neuroinflammation in the substantia nigra triggered by systemic inflammation are reversed by targeted inhibition of the receptor for advanced glycation end products (RAGE). *Journal of neurochemistry*.

Fysikopoulos A, et al. (2021) Amelioration of elastase-induced lung emphysema and reversal of pulmonary hypertension by pharmacological iNOS inhibition in mice. *British journal of pharmacology*, 178(1), 152.

Khan M, et al. (2020) Targeting GSNOR for functional recovery in a middle-aged mouse model of stroke. *Brain research*, 1741, 146879.

Seimetz M, et al. (2020) NADPH oxidase subunit NOXO1 is a target for emphysema treatment in COPD. *Nature metabolism*, 2(6), 532.

Brunt VE, et al. (2019) Suppression of the gut microbiome ameliorates age-related arterial dysfunction and oxidative stress in mice. *The Journal of physiology*, 597(9), 2361.

Khan M, et al. (2018) Amelioration of spinal cord injury in rats by blocking peroxynitrite/calpain activity. *BMC neuroscience*, 19(1), 50.

Nair RR, et al. (2018) Impaired Mitochondrial Fatty Acid Synthesis Leads to Neurodegeneration in Mice. *The Journal of neuroscience : the official journal of the*

Society for Neuroscience, 38(45), 9781.

Khan M, et al. (2015) Blocking a vicious cycle nNOS/peroxynitrite/AMPK by S-nitrosoglutathione: implication for stroke therapy. BMC neuroscience, 16, 42.