

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

Anti-Nitrotyrosine

RRID:AB_177459

Type: Antibody

Proper Citation

Millipore Cat# AB5411, RRID:AB_177459

Antibody Information

URL: http://antibodyregistry.org/AB_177459

Proper Citation: Millipore Cat# AB5411, RRID:AB_177459

Target Antigen: Nitrotyrosine

Host Organism: rabbit

Clonality: polyclonal

Comments: seller recommendations: Immunohistochemistry; Western Blot; IH(P), WB

Antibody Name: Anti-Nitrotyrosine

Description: This polyclonal targets Nitrotyrosine

Target Organism: all

Antibody ID: AB_177459

Vendor: Millipore

Catalog Number: AB5411

Record Creation Time: 20250819T205222+0000

Record Last Update: 20250819T210549+0000

Ratings and Alerts

- Used for immunofluorescence microscopy assay by the Human Islet Research Network community. Contact(s): [Raghavendra Mirmira](#), [Carmella Evans-Molina](#), [Sarah Tersey](#), [Emily Sims](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Anti-Nitrotyrosine.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Chaubey K, et al. (2025) Pharmacologic reversal of advanced Alzheimer's disease in mice and identification of potential therapeutic nodes in human brain. *Cell reports. Medicine*, 102535.

Merz T, et al. (2025) Relationships Between H2S and OT/OTR Systems in Preeclampsia. *Antioxidants (Basel, Switzerland)*, 14(7).

Hernández MH, et al. (2025) Sex-specific differences in the influence of maternal obesity on the oxidative and inflammatory status in the maternal-placental-fetal unit: new insights into the placental sphingolipid profile. *Molecular and cellular endocrinology*, 608, 112640.

Sridharan PS, et al. (2024) Acutely blocking excessive mitochondrial fission prevents chronic neurodegeneration after traumatic brain injury. *Cell reports. Medicine*, 5(9), 101715.

Münz F, et al. (2024) The Effect of Targeted Hyperoxemia on Brain Immunohistochemistry after Long-Term, Resuscitated Porcine Acute Subdural Hematoma and Hemorrhagic Shock. *International journal of molecular sciences*, 25(12).

Chhabra Y, et al. (2024) Sex-dependent effects in the aged melanoma tumor microenvironment influence invasion and resistance to targeted therapy. *Cell*, 187(21), 6016.

Lee SR, et al. (2024) Nox4-SH3YL1 complex is involved in diabetic nephropathy. *iScience*, 27(2), 108868.

Banerjee SK, et al. (2024) Glucose transporter 1 is essential for the resolution of methicillin-resistant *S. aureus* skin and soft tissue infections. *Cell reports*, 43(7), 114486.

Velagic A, et al. (2023) A high-sucrose diet exacerbates the left ventricular phenotype in a high fat-fed streptozotocin rat model of diabetic cardiomyopathy. *American journal of physiology. Heart and circulatory physiology*, 324(2), H241.

Liao W, et al. (2023) Calcaratarin D, a labdane diterpenoid, attenuates mouse asthma via modulating alveolar macrophage function. *British journal of pharmacology*, 180(8), 1056.

Aroor A, et al. (2023) Endothelial cell-specific mineralocorticoid receptor activation promotes diastolic dysfunction in diet-induced obese male mice. *American journal of physiology. Regulatory, integrative and comparative physiology*, 324(1), R90.

Denoix N, et al. (2022) Brain Histology and Immunohistochemistry After Resuscitation From Hemorrhagic Shock in Swine With Pre-Existing Atherosclerosis and Sodium Thiosulfate (Na₂S₂O₃) Treatment. *Frontiers in medicine*, 9, 925433.

Griffin P, et al. (2020) REV-ERB α mediates complement expression and diurnal regulation of microglial synaptic phagocytosis. *eLife*, 9.

Celaya AM, et al. (2019) Deficit of mitogen-activated protein kinase phosphatase 1 (DUSP1) accelerates progressive hearing loss. *eLife*, 8.

Thurlow LR, et al. (2018) Peroxisome Proliferator-Activated Receptor γ Is Essential for the Resolution of *Staphylococcus aureus* Skin Infections. *Cell host & microbe*, 24(2), 261.