

# Resource Summary Report

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

## Rabbit Anti-Nitrotyrosine , Unconjugated

RRID:AB\_177459

Type: Antibody

### Proper Citation

Millipore Cat# AB5411, RRID:AB\_177459

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_177459](http://antibodyregistry.org/AB_177459)

**Proper Citation:** Millipore Cat# AB5411, RRID:AB\_177459

**Target Antigen:** Nitrotyrosine

**Host Organism:** rabbit

**Clonality:** unknown

**Comments:** seller recommendations: Immunohistochemistry (Paraffin)

**Antibody Name:** Rabbit Anti-Nitrotyrosine , Unconjugated

**Description:** This unknown targets Nitrotyrosine

**Target Organism:** all

**Antibody ID:** AB\_177459

**Vendor:** Millipore

**Catalog Number:** AB5411

**Record Creation Time:** 20250819T225039+0000

**Record Last Update:** 20250820T032852+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 Rabbit Anti-Nitrotyrosine , Unconjugated.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 15 mentions in open access literature.

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

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 (Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>) Treatment. *Frontiers in medicine*, 9, 925433.

Griffin P, et al. (2020) REV-ERB $\alpha$  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  $\gamma$  Is Essential for the Resolution of *Staphylococcus aureus* Skin Infections. *Cell host & microbe*, 24(2), 261.