

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

Neuropeptide Y (D7Y5A) XP® Rabbit mAb #11976

RRID:AB_2716286

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 11976, RRID:AB_2716286

Antibody Information

URL: http://antibodyregistry.org/AB_2716286

Proper Citation: Cell Signaling Technology Cat# 11976, RRID:AB_2716286

Target Antigen: Neuropeptide Y

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-F, IF-IC

Antibody Name: Neuropeptide Y (D7Y5A) XP® Rabbit mAb #11976

Description: This monoclonal targets Neuropeptide Y

Target Organism: rat, mouse, human

Clone ID: D7Y5A

Defining Citation: [PMID:26778944](#)

Antibody ID: AB_2716286

Vendor: Cell Signaling Technology

Catalog Number: 11976

Record Creation Time: 20231110T033806+0000

Record Last Update: 20260829T215341+0000

Ratings and Alerts

- Validation information is available. - Collaborating for the Advancement of Interdisciplinary Research in Benign Urology (CAIRIBU)
<https://cairibu.urology.wisc.edu/>

No alerts have been found for Neuropeptide Y (D7Y5A) XP® Rabbit mAb #11976.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Wei Y, et al. (2026) Casticin promotes M2 macrophage polarisation and dorsal root ganglion neuronal autophagy to alleviate cold hyperalgesia in knee osteoarthritis by regulating histone-lysine N-methyltransferase (SETDB2). British journal of pharmacology, 183(16), 5033.

Solheim MH, et al. (2025) Hypothalamic PNOC/NPY neurons constitute mediators of leptin-controlled energy homeostasis. Cell, 188(13), 3550.

Du T, et al. (2024) Chronic sleep deprivation disturbs energy balance modulated by suprachiasmatic nucleus efferents in mice. BMC biology, 22(1), 296.

Palanivel V, et al. (2024) Neuropeptide Y receptor activation preserves inner retinal integrity through PI3K/Akt signaling in a glaucoma mouse model. PNAS nexus, 3(8), pgae299.

Kang X, et al. (2023) Neuropeptide Y Promotes mTORC1 to Regulate Chondrocyte Proliferation and Hypertrophy. Endocrinology, 164(3).

Chen W, et al. (2023) Nutrient-sensing AgRP neurons relay control of liver autophagy during energy deprivation. Cell metabolism, 35(5), 786.

Ng XY, et al. (2023) Mutations in Parkinsonism-linked endocytic proteins synaptojanin1 and auxilin have synergistic effects on dopaminergic axonal pathology. NPJ Parkinson's disease, 9(1), 26.

Frank MM, et al. (2023) Experience-dependent flexibility in a molecularly diverse central-to-peripheral auditory feedback system. eLife, 12.

Glaser J, et al. (2022) The imprinted Zdbf2 gene finely tunes control of feeding and growth in neonates. eLife, 11.

Palanivel V, et al. (2022) Neuroprotective Effects of Neuropeptide Y on Human Neuroblastoma SH-SY5Y Cells in Glutamate Excitotoxicity and ER Stress Conditions. Cells, 11(22).

Osso LA, et al. (2021) Experience-dependent myelination following stress is mediated by the neuropeptide dynorphin. *Neuron*, 109(22), 3619.

Kano M, et al. (2019) Tanycyte-Like Cells Derived From Mouse Embryonic Stem Culture Show Hypothalamic Neural Stem/Progenitor Cell Functions. *Endocrinology*, 160(7), 1701.

Campos-Ordóñez T, et al. (2019) Cyclohexane Inhalation Produces Long-Lasting Alterations in the Hippocampal Integrity and Reward-Seeking Behavior in the Adult Mouse. *Cellular and molecular neurobiology*, 39(3), 435.

McGregor MM, et al. (2019) Functionally Distinct Connectivity of Developmentally Targeted Striosome Neurons. *Cell reports*, 29(6), 1419.

Chen Y, et al. (2019) Sustained NPY signaling enables AgRP neurons to drive feeding. *eLife*, 8.

Raveau M, et al. (2018) Alterations of in vivo CA1 network activity in Dp(16)1Yey Down syndrome model mice. *eLife*, 7.

Wang HH, et al. (2018) Prenatal High Estradiol Exposure Induces Sex-Specific and Dietarily Reversible Insulin Resistance Through Decreased Hypothalamic INSR. *Endocrinology*, 159(1), 465.

Girasole AE, et al. (2018) A Subpopulation of Striatal Neurons Mediates Levodopa-Induced Dyskinesia. *Neuron*, 97(4), 787.