

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.

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.

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

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

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

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.