

Resource Summary Report

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

Substance P antibody

RRID:AB_297089

Type: Antibody

Proper Citation

Abcam Cat# ab10353, RRID:AB_297089

Antibody Information

URL: http://antibodyregistry.org/AB_297089

Proper Citation: Abcam Cat# ab10353, RRID:AB_297089

Target Antigen: Substance P

Host Organism: guinea pig

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry; Immunohistochemistry-FoFr

Antibody Name: Substance P antibody

Description: This polyclonal targets Substance P

Target Organism: rat, mouse, human

Antibody ID: AB_297089

Vendor: Abcam

Catalog Number: ab10353

Record Creation Time: 20250820T071837+0000

Record Last Update: 20250821T020346+0000

Ratings and Alerts

No rating or validation information has been found for Substance P antibody.

No alerts have been found for Substance P antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Al-Keilani MS, et al. (2023) Expression of substance P, neurokinin 1 receptor, Ki-67 and pyruvate kinase M2 in hormone receptor negative breast cancer and evaluation of impact on overall survival. BMC cancer, 23(1), 158.

Ma J, et al. (2023) Topographical organization and morphology of substance P (SP)-immunoreactive axons in the whole stomach of mice. The Journal of comparative neurology, 531(2), 188.

Takanami K, et al. (2022) Characterization of the expression of gastrin-releasing peptide and its receptor in the trigeminal and spinal somatosensory systems of Japanese macaque monkeys: Insight into humans. The Journal of comparative neurology, 530(16), 2804.

Al-Keilani MS, et al. (2021) Immunohistochemical expression of substance P in breast cancer and its association with prognostic parameters and Ki-67 index. PloS one, 16(6), e0252616.

Zhou X, et al. (2020) Up-regulation of astrocyte excitatory amino acid transporter 2 alleviates central sensitization in a rat model of chronic migraine. Journal of neurochemistry, 155(4), 370.

He ZX, et al. (2020) Nucleus Accumbens Tac1-Expressing Neurons Mediate Stress-Induced Anhedonia-like Behavior in Mice. Cell reports, 33(5), 108343.

Ni F, et al. (2020) Electronic Cigarette Liquid Constituents Induce Nasal and Tracheal Sensory Irritation in Mice in Regionally Dependent Fashion. Nicotine & tobacco research : official journal of the Society for Research on Nicotine and Tobacco, 22(Suppl 1), S35.

Paul EJ, et al. (2018) nNOS-Expressing Neurons in the Ventral Tegmental Area and Substantia Nigra Pars Compacta. eNeuro, 5(5).

Carlin D, et al. (2018) Deletion of Tsc2 in Nociceptors Reduces Target Innervation, Ion Channel Expression, and Sensitivity to Heat. eNeuro, 5(2).

Wan L, et al. (2017) Distinct roles of NMB and GRP in itch transmission. Scientific reports, 7(1), 15466.

Knowland D, et al. (2017) Distinct Ventral Pallidal Neural Populations Mediate Separate Symptoms of Depression. Cell, 170(2), 284.

Fergani C, et al. (2016) Do Substance P and Neurokinin A Play Important Roles in the Control of LH Secretion in Ewes? Endocrinology, 157(12), 4829.