Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 8, 2025

Anti-TRPV1 (VR1) Antibody

RRID:AB_2313819
Type: Antibody

Proper Citation

(Alomone Labs Cat# ACC-030, RRID:AB_2313819)

Antibody Information

URL: http://antibodyregistry.org/AB_2313819

Proper Citation: (Alomone Labs Cat# ACC-030, RRID:AB_2313819)

Target Antigen: TRPV1 (VR1) Channel

Host Organism: rabbit

Clonality: unknown

Comments: Applications: Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation, Indirect Flow Cytometry
Consolidation 6/2023: AB_2040256

Antibody Name: Anti-TRPV1 (VR1) Antibody

Description: This unknown targets TRPV1 (VR1) Channel

Target Organism: rat, mouse, human

Defining Citation: PMID:22740069

Antibody ID: AB_2313819

Vendor: Alomone Labs

Catalog Number: ACC-030

Record Creation Time: 20231110T042050+0000

Record Last Update: 20241115T123543+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Anti-TRPV1 (VR1) Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 30 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Tiwari N, et al. (2024) Plp1-expresssing perineuronal DRG cells facilitate colonic and somatic chronic mechanical pain involving Piezo2 upregulation in DRG neurons. Cell reports, 43(5), 114230.

Barr J, et al. (2024) Tumor-infiltrating nerves functionally alter brain circuits and modulate behavior in a mouse model of head-and-neck cancer. eLife, 13.

Wu M, et al. (2024) Innervation of nociceptor neurons in the spleen promotes germinal center responses and humoral immunity. Cell, 187(12), 2935.

Alsaadi H, et al. (2024) Immunohistochemical phenotype of sensory neurons associated with sympathetic plexuses in the trigeminal ganglia of adult nerve growth factor transgenic mice. The Journal of comparative neurology, 532(2), e25563.

Jin Y, et al. (2024) Antibody selection and automated quantification of TRPV1 immunofluorescence on human skin. Scientific reports, 14(1), 28496.

Restaino AC, et al. (2023) Functional neuronal circuits promote disease progression in cancer. Science advances, 9(19), eade4443.

Binda KH, et al. (2023) Exercise Improves Orofacial Pain and Modifies Neuropeptide Expression in a Rat Model of Parkinson's Disease. Neurotoxicity research.

Barr J, et al. (2023) Tumor-infiltrating nerves functionally alter brain circuits and modulate behavior in a male mouse model of head-and-neck cancer. bioRxiv : the preprint server for biology.

Sun PY, et al. (2023) Lidocaine alleviates inflammation and pruritus in atopic dermatitis by blocking different population of sensory neurons. British journal of pharmacology, 180(10), 1339.

Molnár K, et al. (2022) Motoneuronal inflammasome activation triggers excessive neuroinflammation and impedes regeneration after sciatic nerve injury. Journal of neuroinflammation, 19(1), 68.

Chow SYA, et al. (2022) Human sensory neurons modulate melanocytes through secretion of RGMB. Cell reports, 40(12), 111366.

Hu M, et al. (2022) Visualization of trigeminal ganglion sensory neuronal signaling regulated by Cdk5. Cell reports, 38(10), 110458.

Ju SH, et al. (2022) Melanocortin-4 receptors activate sympathetic preganglionic neurons and elevate blood pressure via TRPV1. Cell reports, 41(5), 111579.

Gao Y, et al. (2022) TRPV1 SUMOylation suppresses itch by inhibiting TRPV1 interaction with H1 receptors. Cell reports, 39(11), 110972.

Barr JL, et al. (2021) Intra-Tumoral Nerve-Tracing in a Novel Syngeneic Model of High-Grade Serous Ovarian Carcinoma. Cells, 10(12).

Alvarsson A, et al. (2021) Optical Clearing and 3D Analysis Optimized for Mouse and Human Pancreata. Bio-protocol, 11(15), e4103.

Landy MA, et al. (2021) Loss of Prdm12 during development, but not in mature nociceptors, causes defects in pain sensation. Cell reports, 34(13), 108913.

Jia Q, et al. (2021) Transient Receptor Potential channels, TRPV1 and TRPA1 in melanocytes synergize UV-dependent and UV-independent melanogenesis. British journal of pharmacology, 178(23), 4646.

Cheng YC, et al. (2021) Topoisomerase I inhibition and peripheral nerve injury induce DNA breaks and ATF3-associated axon regeneration in sensory neurons. Cell reports, 36(10), 109666.

Masuoka T, et al. (2020) Sensitization of glutamate receptor-mediated pain behaviour via nerve growth factor-dependent phosphorylation of transient receptor potential V1 under inflammatory conditions. British journal of pharmacology, 177(18), 4223.