

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

Anti-TRPC3 Antibody

RRID:AB_2040236

Type: Antibody

Proper Citation

(Alomone Labs Cat# ACC-016, RRID:AB_2040236)

Antibody Information

URL: http://antibodyregistry.org/AB_2040236

Proper Citation: (Alomone Labs Cat# ACC-016, RRID:AB_2040236)

Target Antigen: TRPC3 Channel

Host Organism: rabbit

Clonality: unknown

Comments: Useful for Western Blot, Immunohistochemistry, Immunoprecipitation, Immunocytochemistry, Indirect flow cytometry

Antibody Name: Anti-TRPC3 Antibody

Description: This unknown targets TRPC3 Channel

Target Organism: rat, mouse, human

Defining Citation: [PMID:18925632](#)

Antibody ID: AB_2040236

Vendor: Alomone Labs

Catalog Number: ACC-016

Record Creation Time: 20260130T082116+0000

Record Last Update: 20260225T232035+0000

Ratings and Alerts

No rating or validation information has been found for Anti-TRPC3 Antibody.

No alerts have been found for Anti-TRPC3 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

You M, et al. (2026) The role of arachidonic acid metabolites in the subtype classification and pathogenesis of primary aldosteronism. *iScience*, 29(2), 114598.

Inoue M, et al. (2023) Enhancement of muscarinic receptor-mediated excitation in spontaneously hypertensive rat adrenal medullary chromaffin cells. *Autonomic neuroscience : basic & clinical*, 248, 103108.

Um KB, et al. (2021) TRPC3 and NALCN channels drive pacemaking in substantia nigra dopaminergic neurons. *eLife*, 10.

Cozart MA, et al. (2020) Vascular smooth muscle TRPC3 channels facilitate the inverse hemodynamic response during status epilepticus. *Scientific reports*, 10(1), 812.

Nishiyama K, et al. (2019) Ibudilast attenuates doxorubicin-induced cytotoxicity by suppressing formation of TRPC3 channel and NADPH oxidase 2 protein complexes. *British journal of pharmacology*, 176(18), 3723.

Zheng Y, et al. (2019) Deep Sequencing of Somatosensory Neurons Reveals Molecular Determinants of Intrinsic Physiological Properties. *Neuron*, 103(4), 598.

Picardo MCD, et al. (2019) Trpm4 ion channels in pre-Bötzing complex interneurons are essential for breathing motor pattern but not rhythm. *PLoS biology*, 17(2), e2006094.

Naito R, et al. (2018) New Features on the Expression and Trafficking of mGluR1 Splice Variants Exposed by Two Novel Mutant Mouse Lines. *Frontiers in molecular neuroscience*, 11, 439.

Koizumi H, et al. (2018) Transient Receptor Potential Channels TRPM4 and TRPC3 Critically Contribute to Respiratory Motor Pattern Formation but not Rhythmogenesis in Rodent Brainstem Circuits. *eNeuro*, 5(1).