Resource Summary Report

Generated by RRID on Jul 29, 2026

STIM2 Antibody

RRID:AB_2198021
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4917, RRID:AB_2198021

Antibody Information

URL: http://antibodyregistry.org/AB_2198021

Proper Citation: Cell Signaling Technology Cat# 4917, RRID:AB_2198021

Target Antigen: Stim2

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IF-IC

Antibody Name: STIM2 Antibody

Description: This polyclonal targets Stim2

Target Organism: rat, mouse, human

Antibody ID: AB_2198021

Vendor: Cell Signaling Technology

Catalog Number: 4917

Record Creation Time: 20250820T043718+0000

Record Last Update: 20250820T192836+0000

Ratings and Alerts

No rating or validation information has been found for STIM2 Antibody.

No alerts have been found for STIM2 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 RRID .

Weesner JA, et al. (2024) Altered GM1 catabolism affects NMDAR-mediated Ca2+ signaling at ER-PM junctions and increases synaptic spine formation in a GM1-gangliosidosis model. Cell reports, 43(5), 114117.

Pathak T, et al. (2023) Loss of STIM2 in colorectal cancer drives growth and metastasis through metabolic reprogramming and PERK-ATF4 endoplasmic reticulum stress pathway. bioRxiv : the preprint server for biology.

Nascimento Da Conceicao V, et al. (2021) Resolving macrophage polarization through distinct Ca2+ entry channel that maintains intracellular signaling and mitochondrial bioenergetics. iScience, 24(11), 103339.

Chanaday NL, et al. (2021) Presynaptic store-operated Ca2+ entry drives excitatory spontaneous neurotransmission and augments endoplasmic reticulum stress. Neuron, 109(8), 1314.

Emrich SM, et al. (2021) Omnitemporal choreographies of all five STIM/Orai and IP3Rs underlie the complexity of mammalian Ca2+ signaling. Cell reports, 34(9), 108760.

Zhou J, et al. (2019) Autophagic degradation of stromal interaction molecule 2 mediates disruption of neuronal dendrites by endoplasmic reticulum stress. Journal of neurochemistry, 151(3), 351.

Stein BD, et al. (2019) Quantitative In Vivo Proteomics of Metformin Response in Liver Reveals AMPK-Dependent and -Independent Signaling Networks. Cell reports, 29(10), 3331.

Bernhardt ML, et al. (2017) Store-operated Ca2+ entry is not required for fertilization-induced Ca2+ signaling in mouse eggs. Cell calcium, 65, 63.

Gallo A, et al. (2016) Targeting the Ca(2+) Sensor STIM1 by Exosomal Transfer of Ebv-miR-BART13-3p is Associated with Sjögren's Syndrome. EBioMedicine, 10, 216.