

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

Na⁺/K⁺-ATPase alpha1 (C464.6)

RRID:AB_626713

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-21712, RRID:AB_626713

Antibody Information

URL: http://antibodyregistry.org/AB_626713

Proper Citation: Santa Cruz Biotechnology Cat# sc-21712, RRID:AB_626713

Target Antigen: Na⁺/K⁺-ATPase alpha1 (C464.6)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: WB, IP, IF, IHC(P); Immunohistochemistry; Western Blot; Immunofluorescence; Immunocytochemistry; Immunoprecipitation

Antibody Name: Na⁺/K⁺-ATPase alpha1 (C464.6)

Description: This monoclonal targets Na⁺/K⁺-ATPase alpha1 (C464.6)

Target Organism: feline, rat, drosophilaarthropod, hamster, xenopusamphibian, donkey, porcine, canine, goat, reptile, amoebaprotzoa, horse, mouse, chickenbird, mollusc, plant, rabbit, bovine, human, sheep, bacteriaarchaea

Antibody ID: AB_626713

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-21712

Record Creation Time: 20250820T004530+0000

Record Last Update: 20250820T090706+0000

Ratings and Alerts

No rating or validation information has been found for Na⁺/K⁺-ATPase alpha1 (C464.6).

No alerts have been found for Na⁺/K⁺-ATPase alpha1 (C464.6).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Rambo LM, et al. (2025) CysLT1 Receptor Activation Decreases Na⁺/K⁺-ATPase Activity via PKC-Mediated Mechanisms in Hippocampal Slices. Journal of neurochemistry, 169(10), e70257.

He X, et al. (2025) PI3K?? functions as a protein kinase to promote cellular protein O-GlcNAcylation and acetyl-CoA production for tumor growth. Molecular cell, 85(7), 1411.

Mun SH, et al. (2023) Marchf6 E3 ubiquitin ligase critically regulates endoplasmic reticulum stress, ferroptosis, and metabolic homeostasis in POMC neurons. Cell reports, 42(7), 112746.

Muraoka Y, et al. (2023) An outward-rectifying plant K⁺ channel SPORK2 exhibits temperature-sensitive ion-transport activity. Current biology : CB, 33(24), 5488.

Li Puma DD, et al. (2022) Extracellular tau oligomers affect extracellular glutamate handling by astrocytes through downregulation of GLT-1 expression and impairment of NKA1A2 function. Neuropathology and applied neurobiology, 48(5), e12811.

Zhang J, et al. (2022) Na/K-ATPase suppresses LPS-induced pro-inflammatory signaling through Lyn. iScience, 25(9), 104963.

Rajagopalan A, et al. (2021) SeqStain is an efficient method for multiplexed, spatialomic profiling of human and murine tissues. Cell reports methods, 1(2).