

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).