Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 16, 2025

SV2A antibody

RRID:AB_778192
Type: Antibody

Proper Citation

(Abcam Cat# ab32942, RRID:AB_778192)

Antibody Information

URL: http://antibodyregistry.org/AB_778192

Proper Citation: (Abcam Cat# ab32942, RRID:AB_778192)

Target Antigen: SV2A antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunohistochemistry - fixed; Western Blot; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Immunohistochemistry - frozen; ICC/IF, IHC-FoFr, IHC-P, IP, WB

Antibody Name: SV2A antibody

Description: This polyclonal targets SV2A antibody

Target Organism: Human, Rat, Mouse

Antibody ID: AB_778192

Vendor: Abcam

Catalog Number: ab32942

Record Creation Time: 20231110T080017+0000

Record Last Update: 20241115T091932+0000

Ratings and Alerts

No rating or validation information has been found for SV2A antibody.

No alerts have been found for SV2A antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Small C, et al. (2024) SV2A controls the surface nanoclustering and endocytic recruitment of Syt1 during synaptic vesicle recycling. Journal of neurochemistry, 168(9), 3188.

Kim N, et al. (2024) Delayed recruitment of activity-dependent bulk endocytosis in Fmr1 knockout neurons. Journal of neurochemistry, 168(9), 3019.

Parra-Rivas LA, et al. (2023) Serine-129 phosphorylation of ?-synuclein is an activity-dependent trigger for physiologic protein-protein interactions and synaptic function. Neuron, 111(24), 4006.

Blumrich EM, et al. (2023) Phosphatidylinositol 4-kinase II? is a glycogen synthase kinase 3-regulated interaction hub for activity-dependent bulk endocytosis. Cell reports, 42(6), 112633.

Lin NH, et al. (2023) Neuroprotective Effects of a Multi-Herbal Extract on Axonal and Synaptic Disruption in Vitro and Cognitive Impairment in Vivo. Journal of Alzheimer's disease reports, 7(1), 51.

López-Hernández T, et al. (2022) Clathrin-independent endocytic retrieval of SV proteins mediated by the clathrin adaptor AP-2 at mammalian central synapses. eLife, 11.

Dhandapani R, et al. (2022) Sustained Trem2 stabilization accelerates microglia heterogeneity and A? pathology in a mouse model of Alzheimer's disease. Cell reports, 39(9), 110883.

Bonnycastle K, et al. (2022) FMRP Sustains Presynaptic Function via Control of Activity-Dependent Bulk Endocytosis. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(8), 1618.

Ivanova D, et al. (2021) Control of synaptic vesicle release probability via VAMP4 targeting to endolysosomes. Science advances, 7(18).

Sulsenti R, et al. (2021) Repurposing of the Antiepileptic Drug Levetiracetam to Restrain Neuroendocrine Prostate Cancer and Inhibit Mast Cell Support to Adenocarcinoma. Frontiers in immunology, 12, 622001.

Jensen BK, et al. (2020) Synaptic dysfunction induced by glycine-alanine dipeptides in C9orf72-ALS/FTD is rescued by SV2 replenishment. EMBO molecular medicine, 12(5), e10722.

Salazar SV, et al. (2019) Alzheimer's Disease Risk Factor Pyk2 Mediates Amyloid-?-Induced Synaptic Dysfunction and Loss. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(4), 758.

Gunther EC, et al. (2019) Rescue of Transgenic Alzheimer's Pathophysiology by Polymeric Cellular Prion Protein Antagonists. Cell reports, 26(1), 145.

Chaney A, et al. (2018) Longitudinal investigation of neuroinflammation and metabolite profiles in the APPswe ×PS1?e9 transgenic mouse model of Alzheimer's disease. Journal of neurochemistry, 144(3), 318.