Resource Summary Report

Generated by NIF on Sep 14, 2026

Anti-Alpha-II Spectrin

RRID:AB_2564660
Type: Antibody

Proper Citation

BioLegend Cat# 803201, RRID:AB_2564660

Antibody Information

URL: http://antibodyregistry.org/AB_2564660

Proper Citation: BioLegend Cat# 803201, RRID:AB_2564660

Target Antigen: Alpha-II Spectrin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB, IHC-P, ICC

Antibody Name: Anti-Alpha-II Spectrin

Description: This monoclonal targets Alpha-II Spectrin

Target Organism: rat, mouse, drosophila, human

Clone ID: Clone D8B7

Antibody ID: AB_2564660

Vendor: BioLegend

Catalog Number: 803201

Record Creation Time: 20231110T035206+0000

Record Last Update: 20260829T112752+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Alpha-II Spectrin.

No alerts have been found for Anti-Alpha-II Spectrin.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Ding X, et al. (2024) Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. bioRxiv : the preprint server for biology.

Ding X, et al. (2024) Age-dependent regulation of axoglial interactions and behavior by oligodendrocyte AnkyrinG. Nature communications, 15(1), 10865.

Miazek A, et al. (2021) Age-dependent ataxia and neurodegeneration caused by an ?II spectrin mutation with impaired regulation of its calpain sensitivity. Scientific reports, 11(1), 7312.

Torii T, et al. (2020) NuMA1 promotes axon initial segment assembly through inhibition of endocytosis. The Journal of cell biology, 219(2).

Hamdan H, et al. (2020) Mapping axon initial segment structure and function by multiplexed proximity biotinylation. Nature communications, 11(1), 100.

Wang G, et al. (2019) Structural plasticity of actin-spectrin membrane skeleton and functional role of actin and spectrin in axon degeneration. eLife, 8.

Huang CY, et al. (2017) An ?II Spectrin-Based Cytoskeleton Protects Large-Diameter Myelinated Axons from Degeneration. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(47), 11323.

Huang CY, et al. (2017) ?II Spectrin Forms a Periodic Cytoskeleton at the Axon Initial Segment and Is Required for Nervous System Function. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(47), 11311.