

Resource Summary Report

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

Anti-FUS antibody produced in rabbit

RRID:AB_1849181

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# HPA008784, RRID:AB_1849181

Antibody Information

URL: http://antibodyregistry.org/AB_1849181

Proper Citation: Sigma-Aldrich Cat# HPA008784, RRID:AB_1849181

Target Antigen: Human FUS

Host Organism: rabbit

Clonality: unknown

Comments: Vendor recommendations: Immunohistochemistry; Other; Immunohistochemistry (formalin-fixed, paraffin-embedded sections), Protein Array

Antibody Name: Anti-FUS antibody produced in rabbit

Description: This unknown targets Human FUS

Target Organism: human

Antibody ID: AB_1849181

Vendor: Sigma-Aldrich

Catalog Number: HPA008784

Record Creation Time: 20250820T032059+0000

Record Last Update: 20250820T160036+0000

Ratings and Alerts

- Antibody validation available from The Human Protein Atlas - Human Protein Atlas <https://www.proteinatlas.org/search/HPA008784>

No alerts have been found for Anti-FUS antibody produced in rabbit.

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](#) .

Vieira de S?? R, et al. (2024) ATAXIN-2 intermediate-length polyglutamine expansions elicit ALS-associated metabolic and immune phenotypes. Nature communications, 15(1), 7484.

Noguchi K, et al. (2024) Multi-omics analysis using antibody-based in situ biotinylation technique suggests the mechanism of Cajal body formation. Cell reports, 43(9), 114734.

Szewczyk B, et al. (2023) FUS ALS neurons activate major stress pathways and reduce translation as an early protective mechanism against neurodegeneration. Cell reports, 42(2), 112025.

Krokowski D, et al. (2022) Stress-induced perturbations in intracellular amino acids reprogram mRNA translation in osmoadaptation independently of the ISR. Cell reports, 40(3), 111092.

Wang Y, et al. (2020) A Prion-like Domain in Transcription Factor EBF1 Promotes Phase Separation and Enables B Cell Programming of Progenitor Chromatin. Immunity, 53(6), 1151.

Deshpande D, et al. (2019) Synaptic FUS Localization During Motoneuron Development and Its Accumulation in Human ALS Synapses. Frontiers in cellular neuroscience, 13, 256.

Mackenzie IR, et al. (2017) TIA1 Mutations in Amyotrophic Lateral Sclerosis and Frontotemporal Dementia Promote Phase Separation and Alter Stress Granule Dynamics. Neuron, 95(4), 808.

Schoen M, et al. (2015) Super-Resolution Microscopy Reveals Presynaptic Localization of the ALS/FTD Related Protein FUS in Hippocampal Neurons. Frontiers in cellular neuroscience, 9, 496.