Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 8, 2025

FUS Antibody

RRID:AB_309445
Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# A300-302A, RRID:AB_309445)

Antibody Information

URL: http://antibodyregistry.org/AB_309445

Proper Citation: (Thermo Fisher Scientific Cat# A300-302A, RRID:AB_309445)

Target Antigen: FUS

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued; Applications: WB (1:2,000-1:10,000), IP (2-10 µg/mg lysate), IHC (1:500-1:2,000)

Antibody Name: FUS Antibody

Description: This polyclonal targets FUS

Target Organism: mouse, human

Antibody ID: AB_309445

Vendor: Thermo Fisher Scientific

Catalog Number: A300-302A

Record Creation Time: 20250416T092431+0000

Record Last Update: 20250416T100116+0000

Ratings and Alerts

No rating or validation information has been found for FUS Antibody.

Warning: Discontinued at Thermo Fisher Scientific
Discontinued; Applications: WB (1:2,000-1:10,000), IP (2-10 µg/mg lysate), IHC (1:500-1:2,000)

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Boddu PC, et al. (2024) Transcription elongation defects link oncogenic SF3B1 mutations to targetable alterations in chromatin landscape. Molecular cell, 84(8), 1475.

Zhang X, et al. (2024) Multivalent GU-rich oligonucleotides sequester TDP-43 in the nucleus by inducing high molecular weight RNP complexes. iScience, 27(6), 110109.

Fare CM, et al. (2023) A minimal construct of nuclear-import receptor Karyopherin-?2 defines the regions critical for chaperone and disaggregation activity. The Journal of biological chemistry, 299(2), 102806.

Fujino Y, et al. (2023) FUS regulates RAN translation through modulating the G-quadruplex structure of GGGGCC repeat RNA in C9orf72-linked ALS/FTD. eLife, 12.

Mack KL, et al. (2023) Tuning Hsp104 specificity to selectively detoxify ?-synuclein. Molecular cell, 83(18), 3314.

Cha SJ, et al. (2022) Therapeutic modulation of GSTO activity rescues FUS-associated neurotoxicity via deglutathionylation in ALS disease models. Developmental cell, 57(6), 783.

Zhang P, et al. (2019) Chronic optogenetic induction of stress granules is cytotoxic and reveals the evolution of ALS-FTD pathology. eLife, 8.

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

Tariq A, et al. (2019) Mining Disaggregase Sequence Space to Safely Counter TDP-43, FUS, and ?-Synuclein Proteotoxicity. Cell reports, 28(8), 2080.

López-Erauskin J, et al. (2018) ALS/FTD-Linked Mutation in FUS Suppresses Intra-axonal Protein Synthesis and Drives Disease Without Nuclear Loss-of-Function of FUS. Neuron, 100(4), 816.

Steyaert J, et al. (2018) FUS-induced neurotoxicity in Drosophila is prevented by downregulating nucleocytoplasmic transport proteins. Human molecular genetics, 27(23), 4103.

Guo L, et al. (2018) Nuclear-Import Receptors Reverse Aberrant Phase Transitions of RNA-Binding Proteins with Prion-like Domains. Cell, 173(3), 677.