

Resource Summary Report

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

FUS/TLS (4H11)

RRID:AB_2105208

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-47711, RRID:AB_2105208

Antibody Information

URL: http://antibodyregistry.org/AB_2105208

Proper Citation: Santa Cruz Biotechnology Cat# sc-47711, RRID:AB_2105208

Target Antigen: FUS/TLS (4H11)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: Immunofluorescence; Immunoprecipitation; WB, IP, IF; Western Blot

Antibody Name: FUS/TLS (4H11)

Description: This monoclonal targets FUS/TLS (4H11)

Target Organism: rat, mouse, human

Antibody ID: AB_2105208

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-47711

Record Creation Time: 20250819T225820+0000

Record Last Update: 20250820T035341+0000

Ratings and Alerts

No rating or validation information has been found for FUS/TLS (4H11).

No alerts have been found for FUS/TLS (4H11).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Watanabe Y, et al. (2025) ALS-associated RNA-binding proteins promote UNC13A transcription through REST downregulation. *The EMBO journal*, 44(17), 4745.

Chellini L, et al. (2025) YAP1 promoter-associated noncoding RNA affects Ewing sarcoma cell tumorigenicity by regulating YAP1 expression. *Cellular & molecular biology letters*, 30(1), 63.

Kirthika P, et al. (2025) Off-pore Nucleoporin sPOM121 Transcriptionally Propels ??-Catenin-driven Tumor Progression and Immune Escape in Prostate Cancer. *Cancer discovery*, 15(11), 2374.

Su CH, et al. (2025) Phosphorylated Y14 condensates as a scaffold for DNA double-strand break repair. *iScience*, 28(8), 113073.

Huang WP, et al. (2025) M6A-dependent RNA condensation underlies FUS autoregulation and can be harnessed for ALS therapy development. *Science advances*, 11(30), eadx1357.

Okamoto T, et al. (2025) Protocol for visualization of ultrafine nuclear structures in cultured cells using protein retention expansion microscopy. *STAR protocols*, 6(3), 103985.

Chu CH, et al. (2025) Nuclear paxillin functions as a molecular switch for alternative splicing in neurons during a critical period of brain development. *The EMBO journal*.

Zang J, et al. (2024) FUS Selectively Facilitates circRNAs Packing into Small Extracellular Vesicles within Hypoxia Neuron. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e2404822.

Masuda A, et al. (2024) Blending and separating dynamics of RNA-binding proteins develop architectural splicing networks spreading throughout the nucleus. *Molecular cell*, 84(15), 2949.

Belur NR, et al. (2024) Nuclear aggregates of NONO/SFPQ and A-to-I-edited RNA in Parkinson's disease and dementia with Lewy bodies. *Neuron*, 112(15), 2558.

Hodgson RE, et al. (2024) C9orf72 poly-PR forms anisotropic condensates causative of nuclear TDP-43 pathology. *iScience*, 27(10), 110937.

Ho WY, et al. (2023) FUS-dependent microRNA deregulations identify TRIB2 as a druggable target for ALS motor neurons. *iScience*, 26(11), 108152.

Djaja NA, et al. (2023) Nucleation and dissolution mechanism underlying amyotrophic lateral sclerosis/frontotemporal lobar dementia-linked fused in sarcoma condensates. *iScience*, 26(4), 106537.

Ziff OJ, et al. (2023) Nucleocytoplasmic mRNA redistribution accompanies RNA binding protein mislocalization in ALS motor neurons and is restored by VCP ATPase inhibition. *Neuron*, 111(19), 3011.

Rhine K, et al. (2022) Poly(ADP-ribose) drives condensation of FUS via a transient interaction. *Molecular cell*, 82(5), 969.

Song J, et al. (2022) Regulation of alternative polyadenylation by the C2H2-zinc-finger protein Sp1. *Molecular cell*, 82(17), 3135.

Yasuhara T, et al. (2022) Condensates induced by transcription inhibition localize active chromatin to nucleoli. *Molecular cell*, 82(15), 2738.

Yokoi S, et al. (2022) The SYNGAP1 3'UTR Variant in ALS Patients Causes Aberrant SYNGAP1 Splicing and Dendritic Spine Loss by Recruiting HNRNPK. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(47), 8881.

Chen L, et al. (2020) Long noncoding RNA SOX2OT promotes the proliferation of pancreatic cancer by binding to FUS. *International journal of cancer*, 147(1), 175.

Desideri F, et al. (2020) Intronic Determinants Coordinate Charmé lncRNA Nuclear Activity through the Interaction with MATR3 and PTBP1. *Cell reports*, 33(12), 108548.