

# Resource Summary Report

Generated by [RRID](#) on Aug 3, 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](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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

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.