

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

TIA1 antibody

RRID:AB_2201438

Type: Antibody

Proper Citation

Abcam Cat# ab40693, RRID:AB_2201438

Antibody Information

URL: http://antibodyregistry.org/AB_2201438

Proper Citation: Abcam Cat# ab40693, RRID:AB_2201438

Target Antigen: Human TIA1

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: Western Blot; Immunohistochemistry-P, Western Blot

Antibody Name: TIA1 antibody

Description: This polyclonal targets Human TIA1

Target Organism: human

Antibody ID: AB_2201438

Vendor: Abcam

Catalog Number: ab40693

Record Creation Time: 20250819T235528+0000

Record Last Update: 20250820T065037+0000

Ratings and Alerts

No rating or validation information has been found for TIA1 antibody.

No alerts have been found for TIA1 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Park J, et al. (2023) Poly(GR) interacts with key stress granule factors promoting its assembly into cytoplasmic inclusions. Cell reports, 42(8), 112822.

Lester E, et al. (2021) Tau aggregates are RNA-protein assemblies that mislocalize multiple nuclear speckle components. Neuron, 109(10), 1675.

Kakihana T, et al. (2021) The optineurin/TIA1 pathway inhibits aberrant stress granule formation and reduces ubiquitinated TDP-43. iScience, 24(7), 102733.

Jiang L, et al. (2021) Interaction of tau with HNRNPA2B1 and N6-methyladenosine RNA mediates the progression of tauopathy. Molecular cell, 81(20), 4209.

Keiten-Schmitz J, et al. (2020) The Nuclear SUMO-Targeted Ubiquitin Quality Control Network Regulates the Dynamics of Cytoplasmic Stress Granules. Molecular cell, 79(1), 54.

Cirillo L, et al. (2020) UBAP2L Forms Distinct Cores that Act in Nucleating Stress Granules Upstream of G3BP1. Current biology : CB, 30(4), 698.

Mateju D, et al. (2020) Single-Molecule Imaging Reveals Translation of mRNAs Localized to Stress Granules. Cell, 183(7), 1801.

Tauber D, et al. (2020) Modulation of RNA Condensation by the DEAD-Box Protein eIF4A. Cell, 180(3), 411.

Rayman JB, et al. (2019) Genetic Perturbation of TIA1 Reveals a Physiological Role in Fear Memory. Cell reports, 26(11), 2970.

Turakhiya A, et al. (2018) ZFAND1 Recruits p97 and the 26S Proteasome to Promote the Clearance of Arsenite-Induced Stress Granules. Molecular cell, 70(5), 906.

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.