Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

TDP-43 antibody

RRID:AB_615042
Type: Antibody

Proper Citation

(Proteintech Cat# 10782-2-AP, RRID:AB_615042)

Antibody Information

URL: http://antibodyregistry.org/AB_615042

Proper Citation: (Proteintech Cat# 10782-2-AP, RRID:AB_615042)

Target Antigen: TDP-43

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.
Applications: WB, RIP, IP, IHC, IF, IEM, FC, CoIP, chIP, ELISA

Antibody Name: TDP-43 antibody

Description: This polyclonal targets TDP-43

Target Organism: chicken, monkey, rat, worm, hamster, yeast, pig, c. elegans, horse, mouse, fly, drosophila, zebrafish, dog, human

Antibody ID: AB_615042

Vendor: Proteintech

Catalog Number: 10782-2-AP

Record Creation Time: 20231110T080453+0000

Record Last Update: 20241115T104359+0000

Ratings and Alerts

No rating or validation information has been found for TDP-43 antibody.

No alerts have been found for TDP-43 antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 89 mentions in open access literature.

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

Ke YD, et al. (2024) Targeting 14-3-3?-mediated TDP-43 pathology in amyotrophic lateral sclerosis and frontotemporal dementia mice. Neuron.

Guo Y, et al. (2024) Long noncoding RNAs heat shock RNA omega nucleates TBPH and promotes intestinal stem cell differentiation upon heat shock. iScience, 27(5), 109732.

Zaffagnini G, et al. (2024) Mouse oocytes sequester aggregated proteins in degradative super-organelles. Cell, 187(5), 1109.

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.

Evangelista BA, et al. (2024) TDP-43 pathology links innate and adaptive immunity in amyotrophic lateral sclerosis. bioRxiv : the preprint server for biology.

Lai JD, et al. (2024) KCNJ2 inhibition mitigates mechanical injury in a human brain organoid model of traumatic brain injury. Cell stem cell, 31(4), 519.

Sztachera M, et al. (2024) Interrogation of RNA-bound proteome with XRNAX illuminates molecular alterations in the mouse brain affected with dysmyelination. Cell reports, 44(1), 115095.

Cicardi ME, et al. (2024) The nuclear import receptor Kap?2 modifies neurotoxicity mediated by poly(GR) in C9orf72-linked ALS/FTD. Communications biology, 7(1), 376.

Hou Y, et al. (2024) TDP-43 chronic deficiency leads to dysregulation of transposable elements and gene expression by affecting R-loop and 5hmC crosstalk. Cell reports, 43(1), 113662.

Dermentzaki G, et al. (2024) Depletion of Mettl3 in cholinergic neurons causes adult-onset neuromuscular degeneration. Cell reports, 43(4), 113999.

Wang X, et al. (2024) hnRNPA2B1 represses the disassembly of arsenite-induced stress granules and is essential for male fertility. Cell reports, 43(2), 113769.

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

Choi Y, et al. (2024) Time-resolved profiling of RNA binding proteins throughout the mRNA life cycle. Molecular cell, 84(9), 1764.

Wu R, et al. (2024) Disruption of nuclear speckle integrity dysregulates RNA splicing in C9ORF72-FTD/ALS. Neuron, 112(20), 3434.

Kumbier K, et al. (2024) Identifying FUS amyotrophic lateral sclerosis disease signatures in patient dermal fibroblasts. Developmental cell, 59(16), 2134.

Sung W, et al. (2024) Progranulin haploinsufficiency mediates cytoplasmic TDP-43 aggregation with lysosomal abnormalities in human microglia. Journal of neuroinflammation, 21(1), 47.

Lépine S, et al. (2024) Homozygous ALS-linked mutations in TARDBP/TDP-43 lead to hypoactivity and synaptic abnormalities in human iPSC-derived motor neurons. iScience, 27(3), 109166.

Yamashita A, et al. (2023) ILF3 prion-like domain regulates gene expression and fear memory under chronic stress. iScience, 26(3), 106229.

Grochowska KM, et al. (2023) Chaperone-mediated autophagy in neuronal dendrites utilizes activity-dependent lysosomal exocytosis for protein disposal. Cell reports, 42(8), 112998.

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