

Resource Summary Report

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Anti-Fragile X Mental Retardation Protein Antibody, clone 1C3

RRID:AB_2283007

Type: Antibody

Proper Citation

(Millipore Cat# MAB2160, RRID:AB_2283007)

Antibody Information

URL: http://antibodyregistry.org/AB_2283007

Proper Citation: (Millipore Cat# MAB2160, RRID:AB_2283007)

Target Antigen: Fragile X Mental Retardation Protein

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ELISA, ICC, IHC, IH(P), WB

Antibody Name: Anti-Fragile X Mental Retardation Protein Antibody, clone 1C3

Description: This monoclonal targets Fragile X Mental Retardation Protein

Target Organism: mouse, rat, human

Clone ID: clone 1C3

Antibody ID: AB_2283007

Vendor: Millipore

Catalog Number: MAB2160

Ratings and Alerts

No rating or validation information has been found for Anti-Fragile X Mental Retardation Protein Antibody, clone 1C3.

No alerts have been found for Anti-Fragile X Mental Retardation Protein Antibody, clone 1C3.

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 [FDI Lab - SciCrunch.org](#).

Horio T, et al. (2023) Regulation of RNG105/caprin1 dynamics by pathogenic cytoplasmic FUS and TDP-43 in neuronal RNA granules modulates synaptic loss. *Heliyon*, 9(6), e17065.

Mitchell ME, et al. (2023) Characterization of Fragile X Mental Retardation Protein expression in human nociceptors and their axonal projections to the spinal dorsal horn. *The Journal of comparative neurology*, 531(7), 814.

Lee HG, et al. (2023) Site-specific R-loops induce CGG repeat contraction and fragile X gene reactivation. *Cell*, 186(12), 2593.

Deng PY, et al. (2022) FMRP regulates GABAA receptor channel activity to control signal integration in hippocampal granule cells. *Cell reports*, 39(7), 110820.

Kurosaki T, et al. (2022) Integrative omics indicate FMRP sequesters mRNA from translation and deadenylation in human neuronal cells. *Molecular cell*, 82(23), 4564.

Zhao J, et al. (2021) Dysregulated CRMP Mediates Circadian Deficits in a Drosophila Model of Fragile X Syndrome. *Neuroscience bulletin*, 37(7), 973.

Sears JC, et al. (2020) FMRP-PKA Activity Negative Feedback Regulates RNA Binding-Dependent Fibrillation in Brain Learning and Memory Circuitry. *Cell reports*, 33(2), 108266.

Kim B, et al. (2020) Discovery of Widespread Host Protein Interactions with the Pre-replicated Genome of CHIKV Using VIR-CLASP. *Molecular cell*, 78(4), 624.

Kobayashi S, et al. (2017) Local Somatodendritic Translation and Hyperphosphorylation of Tau Protein Triggered by AMPA and NMDA Receptor Stimulation. *EBioMedicine*, 20, 120.

Fatemi SH, et al. (2017) The effects of prenatal H1N1 infection at E16 on FMRP, glutamate, GABA, and reelin signaling systems in developing murine cerebellum. *Journal of neuroscience research*, 95(5), 1110.

Huang J, et al. (2015) A Cdh1-APC/FMRP Ubiquitin Signaling Link Drives mGluR-Dependent

