Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 5, 2025

dFMR1 antibody - Broadie, K.S.; Vanderbilt University

RRID:AB_528253
Type: Antibody

Proper Citation

(DSHB Cat# anti-dFMRP, 5B6, RRID:AB_528253)

Antibody Information

URL: http://antibodyregistry.org/AB_528253

Proper Citation: (DSHB Cat# anti-dFMRP, 5B6, RRID:AB_528253)

Target Antigen: dFMR1

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): Immunofluorescence,Immunohistochemistry,Immunoprecipitation,Western Blot; Date Deposited: 10/07/2004

Antibody Name: dFMR1 antibody - Broadie, K.S.; Vanderbilt University

Description: This monoclonal targets dFMR1

Target Organism: Drosophila

Defining Citation: PMID:20691595, PMID:23408971, PMID:23666178, PMID:26772998, PMID:24746697, PMID:23764288, PMID:18842880, PMID:23336078

Antibody ID: AB_528253

Vendor: DSHB

Catalog Number: anti-dFMRP, 5B6

Record Creation Time: 20231110T044220+0000

Record Last Update: 20241115T051213+0000

Ratings and Alerts

No rating or validation information has been found for dFMR1 antibody - Broadie, K.S.; Vanderbilt University.

No alerts have been found for dFMR1 antibody - Broadie, K.S.; Vanderbilt University.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Ray M, et al. (2023) Sex-specific splicing occurs genome-wide during early Drosophila embryogenesis. eLife, 12.

Russo A, et al. (2019) Wnd/DLK Is a Critical Target of FMRP Responsible for Neurodevelopmental and Behavior Defects in the Drosophila Model of Fragile X Syndrome. Cell reports, 28(10), 2581.

Tan W, et al. (2016) Zfrp8 forms a complex with fragile-X mental retardation protein and regulates its localization and function. Developmental biology, 410(2), 202.

Chen E, et al. (2014) Fragile X mental retardation protein regulates translation by binding directly to the ribosome. Molecular cell, 54(3), 407.

Cvetkovska V, et al. (2013) Overexpression of Down syndrome cell adhesion molecule impairs precise synaptic targeting. Nature neuroscience, 16(6), 677.

Gareau C, et al. (2013) Characterization of fragile X mental retardation protein recruitment and dynamics in Drosophila stress granules. PloS one, 8(2), e55342.

Gareau C, et al. (2013) Characterization of Fragile X Mental Retardation Protein granules formation and dynamics in Drosophila. Biology open, 2(1), 68.

Kim JH, et al. (2013) Dscam expression levels determine presynaptic arbor sizes in Drosophila sensory neurons. Neuron, 78(5), 827.

Bianco A, et al. (2010) Bicaudal-D regulates fragile X mental retardation protein levels, motility, and function during neuronal morphogenesis. Current biology : CB, 20(16), 1487.

Sofola O, et al. (2008) The Drosophila FMRP and LARK RNA-binding proteins function together to regulate eye development and circadian behavior. The Journal of neuroscience : the official journal of the Society for Neuroscience, 28(41), 10200.