

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

DUSP6 antibody [EPR129Y]

RRID:AB_1523517

Type: Antibody

Proper Citation

Abcam Cat# ab76310, RRID:AB_1523517

Antibody Information

URL: http://antibodyregistry.org/AB_1523517

Proper Citation: Abcam Cat# ab76310, RRID:AB_1523517

Target Antigen: DUSP6 antibody [EPR129Y]

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Western Blot; Flow Cytometry; Immunohistochemistry; Immunofluorescence; Immunoprecipitation; Immunocytochemistry; Immunohistochemistry - fixed; Flow Cyt, ICC/IF, IHC-P, IP, WB

Antibody Name: DUSP6 antibody [EPR129Y]

Description: This monoclonal targets DUSP6 antibody [EPR129Y]

Target Organism: rat, mouse, human

Antibody ID: AB_1523517

Vendor: Abcam

Catalog Number: ab76310

Record Creation Time: 20250819T211950+0000

Record Last Update: 20250819T223624+0000

Ratings and Alerts

No rating or validation information has been found for DUSP6 antibody [EPR129Y].

No alerts have been found for DUSP6 antibody [EPR129Y].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

De Boni L, et al. (2026) Placing purines in precision medicine: Targeting a metabolic reliance in KRAS-mutant tumors. *iScience*, 29(3), 114954.

Ruckert MT, et al. (2025) DUSP6 is upregulated in metastasis and influences migration and metabolism in pancreatic cancer cells. *Scientific reports*, 15(1), 33996.

Zhan X, et al. (2024) Calcium-Dependent Regulation of Neuronal Excitability Is Rescued in Fragile X Syndrome by a Tat-Conjugated N-Terminal Fragment of FMRP. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(21).

Chen PC, et al. (2024) Intestinal dual-specificity phosphatase 6 regulates the cold-induced gut microbiota remodeling to promote white adipose browning. *NPJ biofilms and microbiomes*, 10(1), 22.

Lopes-Paciencia S, et al. (2024) A senescence restriction point acting on chromatin integrates oncogenic signals. *Cell reports*, 43(4), 114044.

Flint AC, et al. (2023) Combined CDK4/6 and ERK1/2 Inhibition Enhances Antitumor Activity in NF1-Associated Plexiform Neurofibroma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 29(17), 3438.

Huang J, et al. (2023) Minichromosome maintenance 6 protects against renal fibrogenesis by regulating DUSP6-mediated ERK/GSK-3 β /Snail1 signaling. *iScience*, 26(10), 107940.

Duan S, et al. (2021) Loss of FBXO31-mediated degradation of DUSP6 dysregulates ERK and PI3K-AKT signaling and promotes prostate tumorigenesis. *Cell reports*, 37(3), 109870.

Chang CS, et al. (2021) Identification of a gut microbiota member that ameliorates DSS-induced colitis in intestinal barrier enhanced Dusp6-deficient mice. *Cell reports*, 37(8), 110016.

Li Z, et al. (2020) Gut microbiota regulate cognitive deficits and amyloid deposition in a model of Alzheimer's disease. *Journal of neurochemistry*, 155(4), 448.

Cheung EC, et al. (2020) Dynamic ROS Control by TIGAR Regulates the Initiation and Progression of Pancreatic Cancer. *Cancer cell*, 37(2), 168.

Kim C, et al. (2019) Defects in Antiviral T Cell Responses Inflicted by Aging-Associated miR-181a Deficiency. *Cell reports*, 29(8), 2202.

Ahmed TA, et al. (2019) SHP2 Drives Adaptive Resistance to ERK Signaling Inhibition in Molecularly Defined Subsets of ERK-Dependent Tumors. *Cell reports*, 26(1), 65.