Resource Summary Report

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

SHP-2 (D50F2) XP(tm) Rabbit mAb

RRID:AB_2174959
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 3397, RRID:AB_2174959)

Antibody Information

URL: http://antibodyregistry.org/AB_2174959

Proper Citation: (Cell Signaling Technology Cat# 3397, RRID:AB_2174959)

Target Antigen: Ptpn11

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P. Consolidation on 10/2018: AB_10434986, AB_10860425, AB_2174959.

Antibody Name: SHP-2 (D50F2) XP(tm) Rabbit mAb

Description: This monoclonal targets Ptpn11

Target Organism: rat, mouse, human

Antibody ID: AB_2174959

Vendor: Cell Signaling Technology

Catalog Number: 3397

Record Creation Time: 20241016T235039+0000

Record Last Update: 20241017T011926+0000

Ratings and Alerts

No rating or validation information has been found for SHP-2 (D50F2) XP(tm) Rabbit mAb.

No alerts have been found for SHP-2 (D50F2) XP(tm) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Wu Q, et al. (2024) Landscape of Clinical Resistance Mechanisms to FGFR Inhibitors in FGFR2-Altered Cholangiocarcinoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(1), 198.

Shi M, et al. (2024) Genetic and microenvironmental evolution of colorectal liver metastases under chemotherapy. Cell reports. Medicine, 5(12), 101838.

Andreska T, et al. (2023) DRD1 signaling modulates TrkB turnover and BDNF sensitivity in direct pathway striatal medium spiny neurons. Cell reports, 42(6), 112575.

Kaehler M, et al. (2023) Clonal evolution in tyrosine kinase inhibitor-resistance: lessons from in vitro-models. Frontiers in oncology, 13, 1200897.

Chen L, et al. (2023) SHP2 participates in decidualization by activating ERK to maintain normal nuclear localization of progesterone receptor. Reproduction (Cambridge, England), 166(1), 37.

Cai J, et al. (2022) High-risk neuroblastoma with NF1 loss of function is targetable using SHP2 inhibition. Cell reports, 40(4), 111095.

Vemulapalli V, et al. (2021) Time-resolved phosphoproteomics reveals scaffolding and catalysis-responsive patterns of SHP2-dependent signaling. eLife, 10.

Yao F, et al. (2021) A targetable LIFR-NF-?B-LCN2 axis controls liver tumorigenesis and vulnerability to ferroptosis. Nature communications, 12(1), 7333.

Wei B, et al. (2021) SHP2-Mediated Inhibition of DNA Repair Contributes to cGAS-STING Activation and Chemotherapeutic Sensitivity in Colon Cancer. Cancer research, 81(12), 3215.

Tulpule A, et al. (2021) Kinase-mediated RAS signaling via membraneless cytoplasmic protein granules. Cell, 184(10), 2649.

Paavola KJ, et al. (2021) The Fibronectin-ILT3 Interaction Functions as a Stromal Checkpoint that Suppresses Myeloid Cells. Cancer immunology research, 9(11), 1283.

Zhu G, et al. (2020) Phase Separation of Disease-Associated SHP2 Mutants Underlies MAPK Hyperactivation. Cell, 183(2), 490.