

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

Phospho-MYPT1 (Thr853) Antibody

RRID:AB_1031185

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4563, RRID:AB_1031185

Antibody Information

URL: http://antibodyregistry.org/AB_1031185

Proper Citation: Cell Signaling Technology Cat# 4563, RRID:AB_1031185

Target Antigen: Phospho-MYPT1 (Thr853)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W. Consolidation on 10/2018: AB_10286073, AB_10288237, AB_1031185.

Antibody Name: Phospho-MYPT1 (Thr853) Antibody

Description: This polyclonal targets Phospho-MYPT1 (Thr853)

Target Organism: monkey, rat, hamster, mouse, dog, human

Antibody ID: AB_1031185

Vendor: Cell Signaling Technology

Catalog Number: 4563

Record Creation Time: 20250820T001635+0000

Record Last Update: 20250820T075042+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-MYPT1 (Thr853) Antibody.

No alerts have been found for Phospho-MYPT1 (Thr853) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Matsumura F, et al. (2024) Myosin phosphatase targeting subunit1 controls localization and motility of Rab7-containing vesicles: Is myosin phosphatase a cytoplasmic dynein regulator? Cytoskeleton (Hoboken, N.J.).

Chen X, et al. (2024) The FXR1 network acts as a signaling scaffold for actomyosin remodeling. Cell, 187(18), 5048.

Conaway S, et al. (2024) Molecular mechanism of bitter taste receptor agonist-mediated relaxation of airway smooth muscle. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 38(14), e23842.

Nishimura F, et al. (2020) Mechanisms of thrombin-Induced myometrial contractions: Potential targets of progesterone. PloS one, 15(5), e0231944.

O'Neill AC, et al. (2018) A Primate-Specific Isoform of PLEKHG6 Regulates Neurogenesis and Neuronal Migration. Cell reports, 25(10), 2729.

Aguayo FI, et al. (2018) Hippocampal Memory Recovery After Acute Stress: A Behavioral, Morphological and Molecular Study. Frontiers in molecular neuroscience, 11, 283.

Castañeda P, et al. (2015) Association of N-cadherin levels and downstream effectors of Rho GTPases with dendritic spine loss induced by chronic stress in rat hippocampal neurons. Journal of neuroscience research, 93(10), 1476.