Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 13, 2025

GFP Polyclonal Antibody, Alexa Fluor™ 647

RRID:AB_162553
Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# A-31852, RRID:AB_162553)

Antibody Information

URL: http://antibodyregistry.org/AB_162553

Proper Citation: (Thermo Fisher Scientific Cat# A-31852, RRID:AB_162553)

Target Antigen: GFP

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: IHC (Assay-dependent), ELISA (Assay-dependent), ICC/IF (1-10 µg/mL), WB (1:2,000)

Antibody Name: GFP Polyclonal Antibody, Alexa Fluor™ 647

Description: This polyclonal targets GFP

Target Organism: tag

Defining Citation: PMID:26689426, PMID:16567501, PMID:21320125, PMID:24501347, PMID:18499725, PMID:27007845

Antibody ID: AB_162553

Vendor: Thermo Fisher Scientific

Catalog Number: A-31852

Record Creation Time: 20250416T092133+0000

Record Last Update: 20250416T095221+0000

Ratings and Alerts

No rating or validation information has been found for GFP Polyclonal Antibody, Alexa Fluor™ 647.

Warning: Discontinued at Molecular Probes
Applications: IHC (Assay-dependent), ELISA (Assay-dependent), ICC/IF (1-10 µg/mL), WB (1:2,000)

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Lu X, et al. (2023) Preserving extracellular space for high-quality optical and ultrastructural studies of whole mammalian brains. Cell reports methods, 3(7), 100520.

Wang L, et al. (2023) SAYSD1 senses UFMylated ribosome to safeguard co-translational protein translocation at the endoplasmic reticulum. Cell reports, 42(1), 112028.

Zheng W, et al. (2023) TMEM63 proteins function as monomeric high-threshold mechanosensitive ion channels. Neuron, 111(20), 3195.

Yan R, et al. (2022) SURF4-induced tubular ERGIC selectively expedites ER-to-Golgi transport. Developmental cell, 57(4), 512.

Bourke AM, et al. (2022) Spatial and Temporal Control of Protein Secretion with Light. Methods in molecular biology (Clifton, N.J.), 2473, 29.

Sylwestrak EL, et al. (2022) Cell-type-specific population dynamics of diverse reward computations. Cell, 185(19), 3568.

Bourke AM, et al. (2021) zapERtrap: A light-regulated ER release system reveals unexpected neuronal trafficking pathways. The Journal of cell biology, 220(9).

Zhao S, et al. (2020) Cellular and Molecular Probing of Intact Human Organs. Cell, 180(4), 796.

Lucken-Ardjomande Häsler S, et al. (2020) GRAF2, WDR44, and MICAL1 mediate Rab8/10/11-dependent export of E-cadherin, MMP14, and CFTR ?F508. The Journal of cell biology, 219(5).

Whitman MC, et al. (2018) Loss of CXCR4/CXCL12 Signaling Causes Oculomotor Nerve Misrouting and Development of Motor Trigeminal to Oculomotor Synkinesis. Investigative ophthalmology & visual science, 59(12), 5201.

Fan L, et al. (2018) Alpha protocadherins and Pyk2 kinase regulate cortical neuron migration and cytoskeletal dynamics via Rac1 GTPase and WAVE complex in mice. eLife, 7.

Guo Y, et al. (2018) Corticosterone Signaling and a Lateral Habenula-Ventral Tegmental Area Circuit Modulate Compulsive Self-Injurious Behavior in a Rat Model. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(23), 5251.

Vivas O, et al. (2017) Proximal clustering between BK and CaV1.3 channels promotes functional coupling and BK channel activation at low voltage. eLife, 6.

Ahmadi M, et al. (2016) AMPK acts as a molecular trigger to coordinate glutamatergic signals and adaptive behaviours during acute starvation. eLife, 5.

Teng KW, et al. (2016) Labeling proteins inside living cells using external fluorophores for microscopy. eLife, 5.