# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 3, 2025

## beta III Tubulin antibody

RRID:AB_727049
Type: Antibody

### Proper Citation

(Abcam Cat# ab41489, RRID:AB_727049)

### Antibody Information

**URL:** http://antibodyregistry.org/AB_727049

**Proper Citation:** (Abcam Cat# ab41489, RRID:AB_727049)

**Target Antigen:** beta III Tubulin

**Host Organism:** chicken

**Clonality:** polyclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Western Blot; Immunocytochemistry/Immunofluorescence, Immunohistochemistry (PFA fixed), Western Blot

**Antibody Name:** beta III Tubulin antibody

**Description:** This polyclonal targets beta III Tubulin

**Target Organism:** rat, mouse, human

**Antibody ID:** AB_727049

**Vendor:** Abcam

**Catalog Number:** ab41489

**Record Creation Time:** 20231110T043447+0000

**Record Last Update:** 20241115T132611+0000

## Ratings and Alerts

No rating or validation information has been found for beta III Tubulin antibody.

No alerts have been found for beta III Tubulin antibody.

## Data and Source Information

**Source:** Antibody Registry

## Usage and Citation Metrics

We found 21 mentions in open access literature.

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


Wu M, et al. (2024) Innervation of nociceptor neurons in the spleen promotes germinal center responses and humoral immunity. Cell, 187(12), 2935.

Xu Z, et al. (2024) Location of the axon initial segment assembly can be predicted from neuronal shape. iScience, 27(3), 109264.

Belur NR, et al. (2024) Nuclear aggregates of NONO/SFPQ and A-to-I-edited RNA in Parkinson's disease and dementia with Lewy bodies. Neuron, 112(15), 2558.

Klug K, et al. (2023) Generation of two induced pluripotent stem cell lines UKWNLi006 and UKWNLi007 derived from two patients with an active site GLA mutation leading to a pain and no pain phenotype in Fabry disease. Stem cell research, 67, 103025.

Lang Q, et al. (2023) In vivo imaging of axonal transport in peripheral nerves of rodent forelimbs. Neuronal signaling, 7(1), NS20220098.

Schottmann NM, et al. (2023) Generation of induced pluripotent stem cell line (UKWNLi008) derived from a patient carrying a c.1678C>G variant in the transient receptor potential cation channel subfamily A member (TRPA1) gene potentially associated with small fiber neuropathy. Stem cell research, 69, 103094.

Falconieri A, et al. (2023) Axonal plasticity in response to active forces generated through magnetic nano-pulling. Cell reports, 42(1), 111912.

Ziff OJ, et al. (2023) Nucleocytoplasmic mRNA redistribution accompanies RNA binding protein mislocalization in ALS motor neurons and is restored by VCP ATPase inhibition. Neuron, 111(19), 3011.

Marton S, et al. (2023) SOD1G93A Astrocyte-Derived Extracellular Vesicles Induce Motor Neuron Death by a miRNA-155-5p-Mediated Mechanism. ASN neuro, 15, 17590914231197527.

Pistollato F, et al. (2022) Effects of spike protein and toxin-like peptides found in COVID-19 patients on human 3D neuronal/glial model undergoing differentiation: Possible implications for SARS-CoV-2 impact on brain development. Reproductive toxicology (Elmsford, N.Y.), 111, 34.

Li L, et al. (2022) SoxD genes are required for adult neural stem cell activation. Cell reports, 38(5), 110313.

Berrosteguieta I, et al. (2022) Plasticity of cell proliferation in the retina of Austrolebias charrua fish under light and darkness conditions. Current research in neurobiology, 3, 100042.

Breyer M, et al. (2022) Generation of the induced pluripotent stem cell line UKWNLi005-A derived from a patient with the GLA mutation c.376A > G of unknown pathogenicity in Fabry disease. Stem cell research, 61, 102747.

Barbeau S, et al. (2020) Generation of a human induced pluripotent stem cell line (iPSC) from peripheral blood mononuclear cells of a patient with a myasthenic syndrome due to mutation in COLQ. Stem cell research, 49, 102106.

Acharya KD, et al. (2020) Dopamine-induced interactions of female mouse hypothalamic proteins with progestin receptor-A in the absence of hormone. Journal of neuroendocrinology, 32(10), e12904.

Ghatak S, et al. (2019) Mechanisms of hyperexcitability in Alzheimer's disease hiPSC-derived neurons and cerebral organoids vs isogenic controls. eLife, 8.

Zhou F, et al. (2018) Screening the expression characteristics of several miRNAs in G93A-SOD1 transgenic mouse: altered expression of miRNA-124 is associated with astrocyte differentiation by targeting Sox2 and Sox9. Journal of neurochemistry, 145(1), 51.

Nakaya N, et al. (2017) Impaired AMPA receptor trafficking by a double knockout of zebrafish olfactomedin1a/b. Journal of neurochemistry, 143(6), 635.

Koseki H, et al. (2017) Selective rab11 transport and the intrinsic regenerative ability of CNS axons. eLife, 6.

Kadam PD, et al. (2016) Erratum to: Rectocutaneous fistula with transmigration of the suture: a rare delayed complication of vault fixation with the sacrospinous ligament. International urogynecology journal, 27(3), 505.