

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

MAFB-human

RRID:AB_1079293

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# HPA005653, RRID:AB_1079293

Antibody Information

URL: http://antibodyregistry.org/AB_1079293

Proper Citation: Sigma-Aldrich Cat# HPA005653, RRID:AB_1079293

Target Antigen: MAFB

Host Organism: rabbit

Clonality: unknown

Comments: ENCODE PROJECT External validation DATA SET is released testing lot A31532 for MCF-7,HeLa-S3,GM12878,K562,liver,HepG2; status is not eligible for new data,awaiting lab characterization

Antibody Name: MAFB-human

Description: This unknown targets MAFB

Target Organism: Homo sapiens

Antibody ID: AB_1079293

Vendor: Sigma-Aldrich

Catalog Number: HPA005653

Record Creation Time: 20250819T230115+0000

Record Last Update: 20250820T040211+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: A31532 is available under ENCODE ID: ENCAB000BLW - ENCODE

<https://www.encodeproject.org/antibodies/ENCAB000BLW>

No alerts have been found for MAFB-human.

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 [NIF](#) .

Bershteyn M, et al. (2025) Human stem cell-derived GABAergic interneuron development reveals early emergence of subtype diversity and gradual electrochemical maturation. *Neuron*.

Zapadka TE, et al. (2025) Optic nerve injury impairs intrinsic mechanisms underlying electrical activity in a resilient retinal ganglion cell. *The Journal of physiology*.

Worthy AE, et al. (2024) Spinal V1 inhibitory interneuron clades differ in birthdate, projections to motoneurons, and heterogeneity. *eLife*, 13.

Vijatovic D, et al. (2024) Spinal neuron diversity scales exponentially with swim-to-limb transformation during frog metamorphosis. *bioRxiv : the preprint server for biology*.

Deska-Gauthier D, et al. (2024) Embryonic temporal-spatial delineation of excitatory spinal V3 interneuron diversity. *Cell reports*, 43(1), 113635.

Bershteyn M, et al. (2023) Human pallial MGE-type GABAergic interneuron cell therapy for chronic focal epilepsy. *Cell stem cell*, 30(10), 1331.

Ito A, et al. (2022) Expression of Maf family proteins in glutamatergic neurons of the mouse olfactory bulb. *Developmental neurobiology*, 82(1), 77.

Parent AV, et al. (2021) Selective deletion of human leukocyte antigens protects stem cell-derived islets from immune rejection. *Cell reports*, 36(7), 109538.

Li C, et al. (2020) Comprehensive transcriptome analysis of cochlear spiral ganglion neurons at multiple ages. *eLife*, 9.

Pai EL, et al. (2019) Mafb and c-Maf Have Prenatal Compensatory and Postnatal Antagonistic Roles in Cortical Interneuron Fate and Function. *Cell reports*, 26(5), 1157.

Sumigray KD, et al. (2018) Morphogenesis and Compartmentalization of the Intestinal Crypt. *Developmental cell*, 45(2), 183.

Ramzy A, et al. (2018) Insulin-Deficient Mouse β -Cells Do Not Fully Mature but Can Be Remedied Through Insulin Replacement by Islet Transplantation. *Endocrinology*, 159(1),

