

Resource Summary Report

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

Anti-GPSM2 antibody produced in rabbit

RRID:AB_1849941

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# HPA007327, RRID:AB_1849941

Antibody Information

URL: http://antibodyregistry.org/AB_1849941

Proper Citation: Sigma-Aldrich Cat# HPA007327, RRID:AB_1849941

Target Antigen: GPSM2 antibody produced in rabbit

Host Organism: rabbit

Clonality: polyclonal

Comments: Vendor recommendations: Other; Immunohistochemistry; indirect immunofluorescence: suitable, protein array: suitable, immunohistochemistry (formalin-fixed, paraffin-embedded sections): suitable

Antibody Name: Anti-GPSM2 antibody produced in rabbit

Description: This polyclonal targets GPSM2 antibody produced in rabbit

Target Organism: human

Antibody ID: AB_1849941

Vendor: Sigma-Aldrich

Catalog Number: HPA007327

Record Creation Time: 20250820T044901+0000

Record Last Update: 20250820T200039+0000

Ratings and Alerts

- Antibody validation available from The Human Protein Atlas - Human Protein Atlas <https://www.proteinatlas.org/search/HPA007327>

No alerts have been found for Anti-GPSM2 antibody produced in rabbit.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Belyantseva IA, et al. (2025) Taperin bundles F-actin at stereocilia pivot points enabling optimal lifelong mechanosensitivity. The Journal of cell biology, 224(8).

Vartanian V, et al. (2023) Spontaneous allelic variant in deafness-blindness gene Ush1g resulting in an expanded phenotype. Genes, brain, and behavior, 22(4), e12849.

Krey JF, et al. (2023) Control of stereocilia length during development of hair bundles. PLoS biology, 21(4), e3001964.

Krey JF, et al. (2020) Mechanotransduction-Dependent Control of Stereocilia Dimensions and Row Identity in Inner Hair Cells. Current biology : CB, 30(3), 442.

Tadenev ALD, et al. (2019) GPSM2-GNAI Specifies the Tallest Stereocilia and Defines Hair Bundle Row Identity. Current biology : CB, 29(6), 921.