

Resource Summary Report

Generated by PRECISE-TBI on Aug 16, 2026

HCS-1 (Hair Cell Soma-1) / otoferlin antibody - Corwin, J.;

RRID:AB_10804296

Type: Antibody

Proper Citation

DSHB Cat# HCS-1, RRID:AB_10804296

Antibody Information

URL: http://antibodyregistry.org/AB_10804296

Proper Citation: DSHB Cat# HCS-1, RRID:AB_10804296

Target Antigen: HCS-1 (Hair Cell Soma-1) / otoferlin

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): Date Deposited: 11/16/2010

Antibody Name: HCS-1 (Hair Cell Soma-1) / otoferlin antibody - Corwin, J.;

Description: This monoclonal targets HCS-1 (Hair Cell Soma-1) / otoferlin

Target Organism: chick

Antibody ID: AB_10804296

Vendor: DSHB

Catalog Number: HCS-1

Record Creation Time: 20250819T232855+0000

Record Last Update: 20250820T052825+0000

Ratings and Alerts

No rating or validation information has been found for HCS-1 (Hair Cell Soma-1) / otoferlin antibody - Corwin, J.; .

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Barbush L, et al. (2026) Resolving early cochlear inflammation prevents lasting damage from noise exposure. bioRxiv : the preprint server for biology.

Paudel S, et al. (2025) Pax9 drives development of the upper jaw but not teeth in zebrafish. Developmental biology, 524, 1.

Megerson E, et al. (2024) Kremen1 regulates the regenerative capacity of support cells and mechanosensory hair cells in the zebrafish lateral line. iScience, 27(1), 108678.

Vijayakumar S, et al. (2024) In silico transcriptome screens identify epidermal growth factor receptor inhibitors as therapeutics for noise-induced hearing loss. Science advances, 10(25), eadk2299.

Bufalo AJ, et al. (2024) EpCAM regulates hair cell development and regeneration in the zebrafish lateral line. microPublication biology, 2024.

Lukasz D, et al. (2022) Chronic neurotransmission increases the susceptibility of lateral-line hair cells to ototoxic insults. eLife, 11.

Zhu Y, et al. (2019) Single-cell proteomics reveals changes in expression during hair-cell development. eLife, 8.

Munnamalai V, et al. (2017) Wnt9a Can Influence Cell Fates and Neural Connectivity across the Radial Axis of the Developing Cochlea. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(37), 8975.

Forlano PM, et al. (2014) Catecholaminergic connectivity to the inner ear, central auditory, and vocal motor circuitry in the plainfin midshipman fish porichthys notatus. The Journal of comparative neurology, 522(13), 2887.