

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 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.; .

No alerts have 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 8 mentions in open access literature.

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

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

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

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.

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.

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.