

Resource Summary Report

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CTBP2-human

RRID:AB_399431

Type: Antibody

Proper Citation

(BD Biosciences Cat# 612044, RRID:AB_399431)

Antibody Information

URL: http://antibodyregistry.org/AB_399431

Proper Citation: (BD Biosciences Cat# 612044, RRID:AB_399431)

Target Antigen: CTBP2

Host Organism: mouse

Clonality: monoclonal

Comments: Immunofluorescence, Western blot

Antibody Name: CTBP2-human

Description: This monoclonal targets CTBP2

Target Organism: homo sapiens

Antibody ID: AB_399431

Vendor: BD Biosciences

Catalog Number: 612044

Record Creation Time: 20241017T004708+0000

Record Last Update: 20241017T024133+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: unknown is available under ENCODE ID: ENCAB000AFO - ENCODE
<https://www.encodeproject.org/antibodies/ENCAB000AFO>

No alerts have been found for CTBP2-human.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 151 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Varner LR, et al. (2024) The deubiquitinase Otud7b suppresses cone photoreceptor degeneration in mouse models of retinal degenerative diseases. *iScience*, 27(4), 109380.

Hong J, et al. (2024) Extrasynaptic distribution of NMDA receptors in cochlear inner hair cell afferent signaling complex. *Journal of chemical neuroanatomy*, 137, 102417.

Tolnai S, et al. (2024) Age-related deficits in binaural hearing: Contribution of peripheral and central effects. *The Journal of neuroscience : the official journal of the Society for Neuroscience*.

Manickam V, et al. (2024) Local delivery of soluble fractalkine (CX3CL1) peptide restores ribbon synapses after noise-induced cochlear synaptopathy. *Frontiers in cellular neuroscience*, 18, 1486740.

Carlton AJ, et al. (2024) BAI1 localizes AMPA receptors at the cochlear afferent post-synaptic density and is essential for hearing. *Cell reports*, 43(4), 114025.

Saidia AR, et al. (2024) Oxidative Stress Plays an Important Role in Glutamatergic Excitotoxicity-Induced Cochlear Synaptopathy: Implication for Therapeutic Molecules Screening. *Antioxidants (Basel, Switzerland)*, 13(2).

Zallocchi M, et al. (2024) Piplartine attenuates aminoglycoside-induced TRPV1 activity and protects from hearing loss in mice. *Science translational medicine*, 16(759), eadn2140.

Oestreicher D, et al. (2024) CaBP1 and 2 enable sustained CaV1.3 calcium currents and synaptic transmission in inner hair cells. *eLife*, 13.

Pal I, et al. (2024) Female GluA3-KO mice show early onset hearing loss and afferent swellings in ambient sound levels. *bioRxiv : the preprint server for biology*.

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.

Kawashima R, et al. (2024) Nect-1/CADM3 regulates cone synapse formation in the mouse retina. *iScience*, 27(4), 109577.

Sato MP, et al. (2024) Hair cell regeneration, reinnervation, and restoration of hearing thresholds in the avian hearing organ. *Cell reports*, 43(3), 113822.

Bovee S, et al. (2024) Cochlear Ribbon Synapses in Aged Gerbils. *International journal of molecular sciences*, 25(5).

Ji L, et al. (2024) From hidden hearing loss to supranormal auditory processing by neurotrophin 3-mediated modulation of inner hair cell synapse density. *PLoS biology*, 22(6), e3002665.

Sato MP, et al. (2024) Protocol for in vivo elimination of avian auditory hair cells, multiplexed mRNA detection, immunohistochemistry, and S-phase labeling. *STAR protocols*, 5(2), 103118.

Choi JE, et al. (2023) Round-window delivery of lithium chloride regenerates cochlear synapses damaged by noise-induced excitotoxic trauma via inhibition of the NMDA receptor in the rat. *PloS one*, 18(5), e0284626.

Fan B, et al. (2023) PTEN inhibitor bisperoxovanadium protects against noise-induced hearing loss. *Neural regeneration research*, 18(7), 1601.

Zhang T, et al. (2023) Bcl-xL is translocated to the nucleus via CtBP2 to epigenetically promote metastasis. *bioRxiv : the preprint server for biology*.

Paplou VG, et al. (2023) Functional, Morphological and Molecular Changes Reveal the Mechanisms Associated with Age-Related Vestibular Loss. *Biomolecules*, 13(9).

Trigila AP, et al. (2023) Accelerated evolution analysis uncovers PKNOX2 as a key transcription factor in the mammalian cochlea. *Molecular biology and evolution*.