

DNAXPAb

Hard-to-Find
Antibody

COCH DNAXPab

Catalog # H00001690-W01P

Size 200 ug

Specification

| | |
|-------------------------|---|
| Product Description | Rabbit polyclonal antibody raised against a full-length human COCH DNA using DNAX™ Immune technology. |
| Technology | DNAX™ Immune |
| Immunogen | Full-length human DNA |
| Sequence | MSAAWIPALGLGVCLLLPGPAGSEGAAPAIATCFTRGLDIRKEKADVLCPPGGCPLEEF SVYGNIV ASVSSICGAAVHRGVISNSGGPVRVYSLPGRENYSSVDANGIQSQMLSRWSASFVTVTKGKSSTQ EATGQAVSTAHPPTGKRLKKTPEKKTGNKDCKADIAFLIDGSFNIGQRRFNLQKNFVGKVALMLGI GTEGPHVGLVQASEHPKIEFYLNFTSAKDVLFAIKEVGFRRGNSNTGKALKHTAQKFFTVDAGV RKGIPKVVVVFIDGWPSDDIEEAGIVAREFGVNVFIVSAKPIPEELGMVQDVTFVDKAVCRNNGF FSYHMPNWF GTTKYVKPLVQKLC THEQMMCSKTCYNSVNIAFLIDGSSSVGDSNFRLMLEFVSNI AKTFEISDIGAKIAAVQFTYDQRTEFSFTDYSTKENVLAVIRNIRYMSGGTATGDAISFTVRNVFGPIR ESPNKNFLVMTDGGQSYDDVQGPAAAAHDAAK |
| Host | Rabbit |
| Reactivity | Human |
| Purification | Protein A |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — COCH

Entrez GeneID [1690](#)

GeneBank Accession# [BC007230.1](#)

Protein Accession# [AAH07230.1](#)

Gene Name COCH

Gene Alias COCH-5B2, COCH5B2, DFNA9

Gene Description coagulation factor C homolog, cochlin (Limulus polyphemus)

Omim ID [601369 603196](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is highly conserved in human, mouse, and chicken, showing 94 % and 79% amino acid identity of human to mouse and chicken sequences, respectively. Hybridization to this gene was detected in spindle-shaped cells located along nerve fibers between the auditory ganglion and sensory epithelium. These cells accompany neurites at the habenula perforata, the opening through which neurites extend to innervate hair cells. This and the pattern of expression of this gene in chicken inner ear paralleled the histologic findings of acidophilic deposits, consistent with mucopolysaccharide ground substance, in temporal bones from DFNA9 (autosomal dominant nonsyndromic sensorineural deafness 9) patients. Mutations that cause DFNA9 have been reported in this gene. Alternative splicing results in multiple transcript variants encoding the same protein. Additional splice variants encoding distinct isoforms have been described but their biological validities have not been demonstrated. [provided by RefSeq]

Other Designations cochlin