COCH Rabbit Polyclonal Antibody

CAB6562

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

Refer to Figures

Calculated MW:

53kDa/59kDa

Applications:

IHC IF

Reactivity:

Human

Antibody Information

Recommended dilutions:
IHC 1:50 - 1:100 IF 1:50 - 1:100

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

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.

Immunogen information

Gene ID:
1690

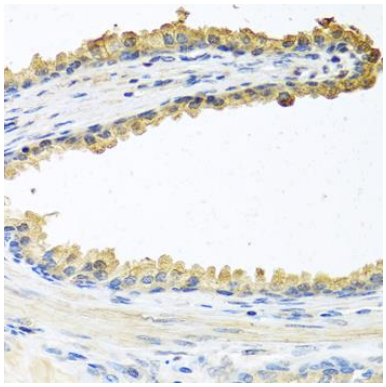
Uniprot
O43405

Synonyms:
COCH; COCH-5B2; COCH5B2; DFNA9; cochlin

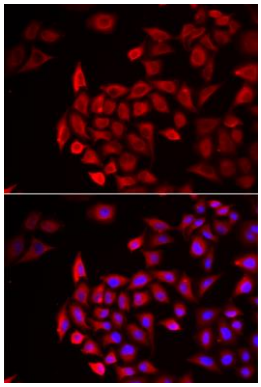
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 20-260 of human COCH (NP_001128530.1).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Immunohistochemistry of paraffin-embedded human prostate using COCH antibody (CAB6562) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using COCH antibody (CAB6562). Blue: DAPI for nuclear staining.

