Product Datasheet

COCH antibody

Catalog No: #39010

Package Size: #39010-1 50ul #39010-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

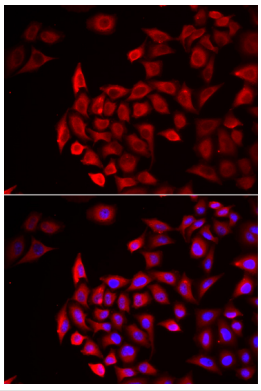
Description

Product Name	COCH antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	IHC,IF
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total COCH protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human COCH (NP_001128530.1).
Target Name	COCH
Other Names	COCH;COCH-5B2;COCH5B2;DFNA9;cochlin
Accession No.	Uniprot:O43405GeneID:1690
Uniprot	O43405
GeneID	1690
SDS-PAGE MW	Refer to Figures
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

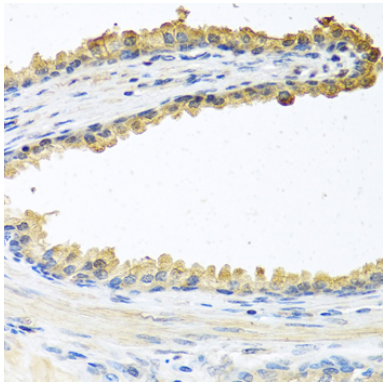
Application Details

IHC□1:50 - 1:100IF□1:50 - 1:100

Images



Immunofluorescence analysis of HeLa cells using COCH antibody.



Immunohistochemistry of paraffin-embedded human prostate using COCH antibody.

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.

Note: This product is for in vitro research use only