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Datasheet for ABIN7262425 anti-COCH antibody

2 Images



Overview

Quantity:	200 µL
Target:	COCH
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COCH antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

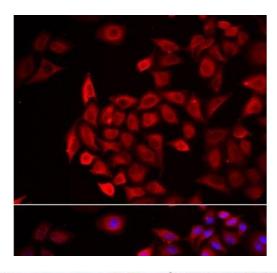
Immunogen:	Recombinant fusion protein of human COCH (NP_001128530.1).
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

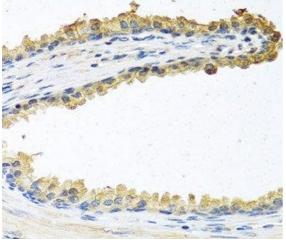
Target Details

Target:	СОСН
Alternative Name:	COCH (COCH Products)
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

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	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.
Gene ID:	1690
UniProt:	043405
Pathways:	Sensory Perception of Sound
Application Details	
Application Notes:	IHC 1:50-1:100 IF 1:50-1:100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.





Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using COCH Polyclonal Antibody

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human prostate using COCH Polyclonal Antibody at dilution of 1:100 (40x lens).

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