



OTOG rabbit pAb

Cat No.:ES14357

For research use only

Overview

Product Name	OTOG rabbit pAb
Host species	Rabbit
Applications	IHC;IF
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	IHC-p 1: 50-200
Immunogen	Synthesized peptide derived from human OTOG AA range: 2706-2756
Specificity	This antibody detects endogenous levels of OTOG at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	OTOG
Gene Name	OTOG OTGN
Cellular localization	Apical cell membrane ; Peripheral membrane protein ; Extracellular side . Secreted, extracellular space . Found in fiber-like structures during the maturation process of the tectorial membrane. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	340990
Human Swiss-Prot Number	Q6ZRI0
Alternative Names	
Background	The protein encoded by this gene is a component of the acellular membranes of the inner ear. Disruption of the orthologous mouse gene shows that it plays a role in auditory and vestibular functions. It is involved in fibrillar network organization, the anchoring of otoconial membranes and cupulae to





the neuroepithelia, and likely in sound stimulation resistance. Mutations in this gene cause autosomal recessive nonsyndromic deafness, type 18B. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, May 2014],

Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

