

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. . The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

Observed band

Purification

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



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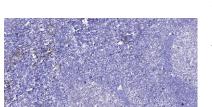
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the neuroepithelia, and likely in sound stimulation resistance. Mutations in this gene cause autosomal recessive nonsyndromic deafness, type 18B.

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).



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