

Product datasheet for **AP53126PU-N**

OTOA (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/1000. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 92-120 amino acids from the N-terminal region of human Otoancorin / OTOA
Specificity:	This antibody recognizes Human and Mouse Otoancorin / OTOA (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	otoancorin
Database Link:	Entrez Gene 146183 Human Q7RTW8



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Background:

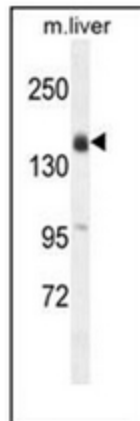
The protein encoded by this gene is specifically expressed in the inner ear, and is located at the interface between the apical surface of the inner ear sensory epithelia and their overlying acellular gels. It is proposed that this protein is involved in the attachment of the inner ear acellular gels to the apical surface of the underlying nonsensory cells. Mutations in this gene are associated with autosomal recessive deafness type 22 (DFNB22). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

Synonyms:

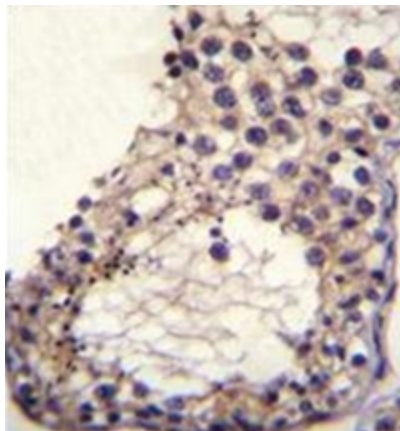
CT108; DFNB22; FLJ32773; MGC39813; MGC157747; otoancorin

Note:

Molecular Weight: 128533 Da

Product images:

Western blot analysis of Otoancorin / OTOA Antibody (N-term) in mouse liver tissue lysates (35ug/lane). This demonstrates the OTOA antibody detected the OTOA protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue reacted with Otoancorin / OTOA, which was peroxidase conjugated to the secondary antibody and followed by DAB staining. This data demonstrates the use of OTOA Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.