

Rabbit anti-Mouse OTOA Polyclonal Antibody | anti-OTOA antibody

OTOA Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284339	Rabbit	Mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

OTOA; Polyclonal Antibody; OTOA Antibody (N-term); Otoancorin; anti-OTOA antibody

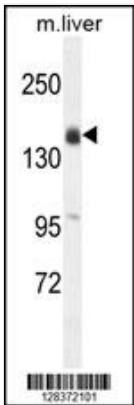
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This OTOA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 92-120 amino acids from the N-terminal region of human OTOA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	92-120
Sequence Length	1,139
Applicable Applications for anti-OTOA antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
OTOA Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of OTOA Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



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

ADDITIONAL INFORMATION

Related Product Information for anti-OTOA antibody	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].
Product Categories/Family for anti-OTOA antibody	Neuroscience
References	Shahin, H., et al. Eur. J. Hum. Genet. 18(4):407-413(2010) Rose, J. Phd, et al. Mol. Med. (2010) In press : Hofmann, O., et al. Proc. Natl. Acad. Sci. U.S.A. 105(51):20422-20427(2008) Zwaenepoel, I., et al. Proc. Natl. Acad. Sci. U.S.A. 99(9):6240-6245(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	239735575
NCBI GeneID	146183
NCBI Accession #	NP_001155155.1; NP_733764.1
NCBI GenBank Nucleotide #	NM_001161683.1
UniProt Accession #	Q7RTW8; Q8NA86; Q96M76; A1L3A8; A2VDI0; B3KWU3; E9PF51
Molecular Weight	128533
NCBI Official Full Name	otoancorin isoform 3
NCBI Official Synonym Full Names	otoancorin
NCBI Official Symbol	OTOA
NCBI Official Synonym Symbols	CT108; DFNB22
NCBI Protein Information	otoancorin

UniProt Protein Name	Otoancorin
UniProt Gene Name	OTOA
UniProt Entry Name	OTOAN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/otoa-antibody-immunohistochemistry-western-blot-elisa/284339>