

Datasheet for ABIN655100
anti-OTOA antibody (N-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	OTOA
Binding Specificity:	AA 92-120, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OTOA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB28372
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OTOA
Alternative Name:	OTOA (OTOA Products)
Background:	The protein encoded by this gene is specifically expressed in the inner ear, and is located at the

Target Details

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].

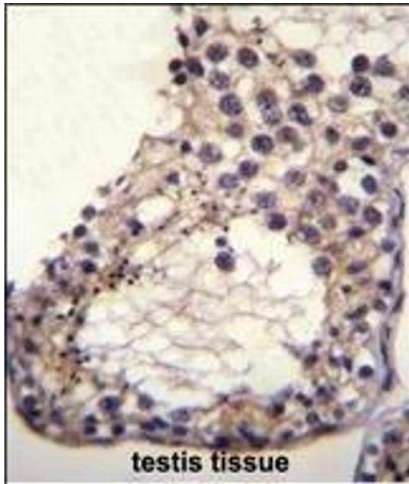
Molecular Weight:	128533
Gene ID:	146183
NCBI Accession:	NP_001155155 , NP_733764
UniProt:	Q7RTW8
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

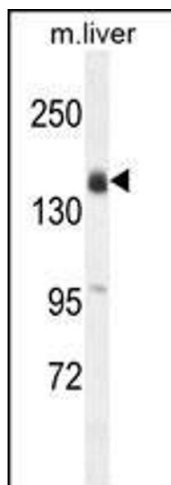
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. OTOA Antibody (N-term) (ABIN655100 and ABIN2844731) 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.



Western Blotting

Image 2. OTOA Antibody (N-term) (ABIN655100 and ABIN2844731) western blot analysis in mouse liver tissue lysates (35 µg/lane). This demonstrates the OTOA antibody detected the OTOA protein (arrow).