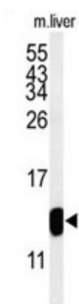


Transmembrane Inner Ear Expressed Protein (TMIE) Antibody

Catalogue No.: abx034501



This gene encodes a transmembrane inner ear protein. Studies in mouse suggest that this gene is required for normal postnatal maturation of sensory hair cells in the cochlea, including correct development of stereocilia bundles. This gene is one of multiple genes responsible for recessive non-syndromic deafness (DFNB), also known as autosomal recessive nonsyndromic hearing loss (ARNSHL), the most common form of congenitally acquired inherited hearing impairment.

Target:	Transmembrane Inner Ear Expressed Protein (TMIE)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 71-100 amino acids from the Central region of human TMIE.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein A column, followed by peptide affinity purification.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q8NEW7 (UniProt , ExPASy)
Gene Symbol:	TMIE

Datasheet

Version: 2.0.0

Revision date: 13 Sep 2025



KEGG: hsa:259236

String: [9606.ENSP00000324775](#)

Molecular Weight: Calculated MW: 17.2 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Mouse TMIE.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only