



Datasheet for ABIN2463326
anti-Tmc2 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Tmc2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tmc2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human TMC2.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	Tmc2
Alternative Name:	TMC2 (Tmc2 Products)
Background:	TMC2 is considered a member of transmembrane proteins family. The specific function of this gene is unknown, however, expression in the inner ear suggests that it may be crucial for normal auditory function. This gene is considered a member of a gene family predicted to encode transmembrane proteins. The specific function of this gene is unknown, however, expression in the inner ear suggests that it may be crucial for normal auditory function.

Target Details

Mutations in this gene may underlie hereditary disorders of balance and hearing.

Molecular Weight: 102 kDa

Gene ID: 117532

NCBI Accession: [NP_542789](#)

UniProt: [Q8TDI7](#)

Application Details

Application Notes: TMC2 antibody can be used for detection of TMC2 by ELISA at 1:1562500. TMC2 antibody can be used for detection of TMC2 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

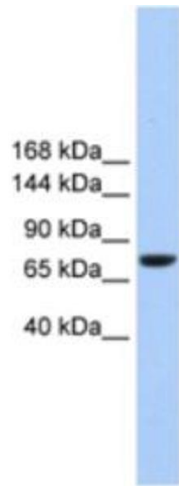
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store TMC2 antibody at -20 °C.



Western Blotting

Image 1.