

## Datasheet for ABIN7120177 **anti-TMC1 antibody**



[Go to Product page](#)

### Overview

Quantity:	100 µg
Target:	TMC1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

### Product Details

Immunogen:	transmembrane channel-like 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	TMC1
Alternative Name:	TMC1 ( <a href="#">TMC1 Products</a> )
Background:	Synonyms:DFNA36, DFNB11, DFNB7 Background:This gene is considered a member of a gene family predicted to encode transmembrane proteins. The specific function of this gene is unknown, however, it is known to be required for normal function of cochlear hair cells. Mutations in this gene have been associated with progressive postlingual hearing loss and profound prelingual deafness.

## Target Details

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Molecular Weight: 88 kDa

Gene ID: 117531

UniProt: [Q8TDI8](#)

Pathways: [Sensory Perception of Sound](#)

## Application Details

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Application Notes: WB: 1:500 - 1:2000, IHC: 1:50 - 1:200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3 ,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months