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# TMEM132E Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11487b

## Product Information

| | |
|---|---|
| **Application** | WB, FC, E |
| **Primary Accession** | Q6IEE7 |
| **Other Accession** | Q6IEE6, NP_997196.1 |
| **Reactivity** | Human, Mouse |
| **Predicted** | Rat, Bovine, Canine, Rabbit, Chicken |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB29313 |
| **Calculated MW** | 116150 |
| **Antigen Region** | 704-733 |

## Additional Information

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|---|---|
| **Gene ID** | 124842 |
| **Other Names** | Transmembrane protein 132E, TMEM132E |
| **Target/Specificity** | This TMEM132E antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 704-733 amino acids from the C-terminal region of human TMEM132E. |
| **Dilution** | WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration. |
| **Format** | Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | TMEM132E Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

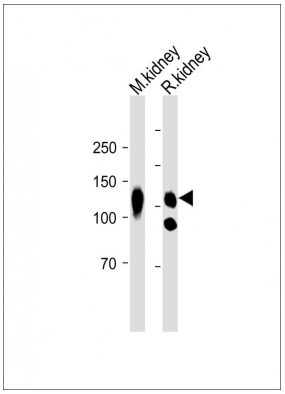
## Protein Information

| | |
|---|---|
| **Name** | TMEM132E ( HGNC:26991) |
| **Function** | Required for normal inner ear hair cell function and hearing. |
| **Cellular Location** | Membrane; Single-pass type I membrane protein |

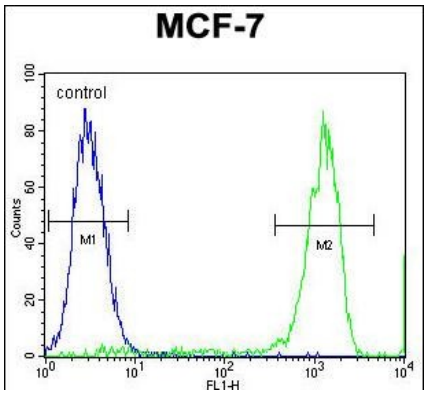
## References

Kehrer-Sawatzki, H., et al. J. Med. Genet. 40 (10), E116 (2003) :

## Images




All lanes: Anti-TMEM132E Antibody (C-term) at 1:1000 dilution Lane 1: Mouse kidney lysate Lane 2: Rat kidney lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 116 KDa Blocking/Dilution buffer: 5% NFDM/TBST.




TMEM132E Antibody (C-term) (Cat. #AP11487b) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

## Citations

- Whole-exome sequencing identifies a variant in TMEM132E causing autosomal-recessive nonsyndromic hearing loss DFNB99.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.