

# TMEM132E Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11487b

## Product Information

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<b>Application</b>	WB, FC, E
<b>Primary Accession</b>	<a href="#">Q6IEE7</a>
<b>Other Accession</b>	<a href="#">Q6IEE6</a> , <a href="#">NP_997196.1</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB29313
<b>Calculated MW</b>	116150
<b>Antigen Region</b>	704-733

## Additional Information

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<b>Gene ID</b>	124842
<b>Other Names</b>	Transmembrane protein 132E, TMEM132E
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	TMEM132E Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

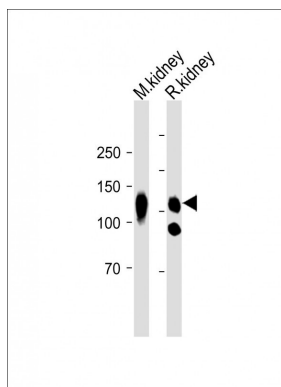
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<b>Name</b>	TMEM132E ( <a href="#">HGNC:26991</a> )
<b>Function</b>	Required for normal inner ear hair cell function and hearing.
<b>Cellular Location</b>	Membrane; Single-pass type I membrane protein

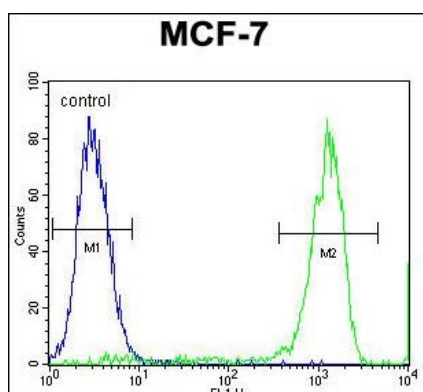
## References

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'.