

For Research Use Only

TMEM132E Recombinant antibody

Catalog Number: 82983-2-RR



Basic Information

Catalog Number:

82983-2-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26772

GenBank Accession Number:

NM_001304438

GeneID (NCBI):

124842

UNIPROT ID:

Q6IEE7

Full Name:

transmembrane protein 132E

Calculated MW:

116 kDa

Observed MW:

100-110 kDa

Purification Method:

Protein A purification

CloneNo.:

230525E12

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : MCF-7 cells, mouse cerebellum tissue

Background Information

Transmembrane protein 132E (TMEM132E) is a member of the TMEM132 family which also include TMEM132A, TMEM132B, TMEM132C, TMEM132D (PMID: 29088312). The gene of TMEM132E is located within the DFNB99 locus on chromosome 17q12 and is highly expressed in the inner ear and other tissues including brain, kidney, lung, liver, spleen, heart, small intestine, colon, thymus, and stomach (PMID: 31656313). A variant of TMEM132E has been associated with autosomal-recessive nonsyndromic hearing loss DFNB99 (PMID: 25331638).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

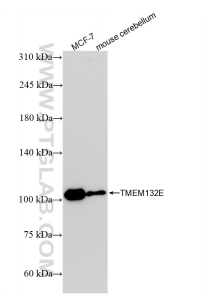
T: 4006900926

E: Proteintech-CN@ptglab.com

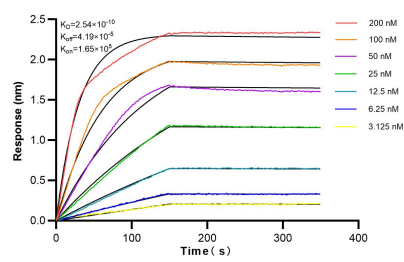
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82983-2-RR (TMEM132E antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 82983-2-RR against Human TMEM132E were performed. The affinity constant is 0.254 nM.