

For Research Use Only

CoraLite® Plus 750-conjugated TMEM132E Recombinant antibody



Catalog Number: CL750-82983-2

Basic Information

Catalog Number: CL750-82983-2	GenBank Accession Number: NM_001304438	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 124842	CloneNo.: 230525E12
Source: Rabbit	UNIPROT ID: Q6IEE7	Recommended Dilutions: WB 1:1000-1:4000
Isotype: IgG	Full Name: transmembrane protein 132E	Excitation/Emission maxima wavelengths: 755 nm / 780 nm
Immunogen Catalog Number: AG26772	Calculated MW: 116 kDa	
	Observed MW: 116 kDa	

Applications

Tested Applications: WB	Positive Controls: WB : MCF-7 cells,
Species Specificity: Human	

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. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

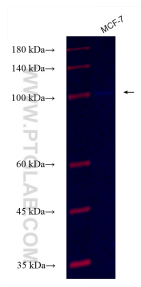
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with CL750-82983-2 (TMEM132E antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.