

For Research Use Only

TMEM181 Polyclonal antibody

Catalog Number: 55411-1-AP



Basic Information

Catalog Number: 55411-1-AP	GenBank Accession Number: NM_020823	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57583	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: transmembrane protein 181	
Isotype: IgG	Calculated MW: 69 kDa	
	Observed MW: 75 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Species Specificity:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : A431 cells,
IHC : mouse heart tissue,

Background Information

TMEM181, also named as GPR178, KIAA1423, is a membrane protein. It mediates action of cytolethal distending toxins (CDT), which are secreted by many pathogenic bacteria. Expression level of TMEM181 is rate-limiting for intoxication. This antibody is specific to TMEM181.

Storage

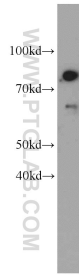
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

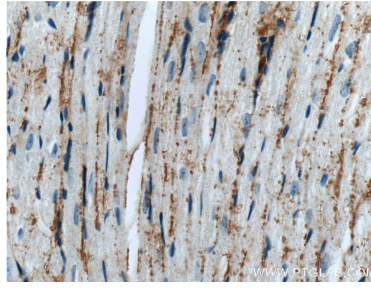
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



A431 cells were subjected to SDS PAGE followed by western blot with 55411-1-AP (TMEM181 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 55411-1-AP (TMEM181 Antibody) at dilution of 1:200 (under 40x lens).