

For Research Use Only

TMEM181 Polyclonal antibody

Catalog Number: 55411-1-AP



Basic Information

Catalog Number:

55411-1-AP

Size:

150ul , Concentration: 400 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_020823

GeneID (NCBI):

57583

UNIPROT ID:

Q9P2C4

Full Name:

transmembrane protein 181

Calculated MW:

69 kDa

Observed MW:

75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : A431 cells,

IHC : mouse heart tissue,

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

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

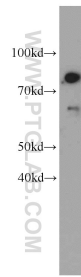
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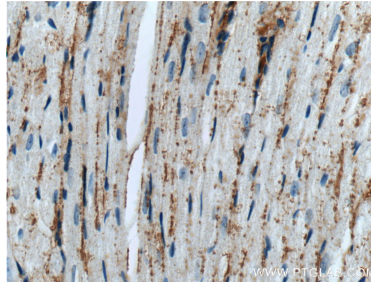
E: proteintech@ptglab.com
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Selected Validation Data



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).