

For Research Use Only

TMEM176B Polyclonal antibody

Catalog Number: 19825-1-AP

3 Publications



Basic Information

Catalog Number:

19825-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13918

GenBank Accession Number:

BC004358

GeneID (NCBI):

28959

UNIPROT ID:

Q3YBM2

Full Name:

transmembrane protein 176B

Calculated MW:

270 aa, 29 kDa

Observed MW:

31 kDa, 23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB: A549 cells, human placenta tissue

Background Information

TMEM176B (also known as LR8) is a transmembrane protein belongs to the MS4A family of proteins. It may play a role in the process of maturation of dendritic cells. TMEM176B was first discovered in human lung fibroblasts and is associated with human small cell lung carcinoma. Studies suggest that TMEM176B might be involved in cancer and might serve as targets for antiangiogenic therapy of cancer patients (PMID: 24602018, 22244448). There are two isoforms produced by alternative splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Yingying Zeng	35734424	Front Genet	WB
Sabina Victoria	39236955	Int J Biol Macromol	IF
Mercedes Segovia	31085177	Cancer Cell	

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

*** 20ul sizes contain 0.1% BSA

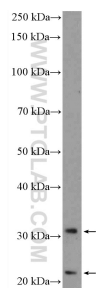
For technical support and original validation data for this product please contact:

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Selected Validation Data



A549 cells were subjected to SDS PAGE followed by western blot with 19825-1-AP (TMEM176B Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.