

For Research Use Only

TMEM33 Polyclonal antibody, PBS Only

Catalog Number:30639-1-PBS



Basic Information

Catalog Number:

30639-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32368

GenBank Accession Number:

BC000948

GeneID (NCBI):

55161

UNIPROT ID:

P57088

Full Name:

transmembrane protein 33

Calculated MW:

28 kDa

Observed MW:

27-30 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

mouse, rat

Background Information

TMEM33 (transmembrane protein 33), also known as DB83. It is expected to be located in endoplasmic reticulum membrane and nucleus envelope. The protein is widely expressed in prostate cancer and several cancer cell lines (at protein level). And expressed at higher levels in endocrine-resistant breast cancer cells as compared to endocrine-sensitive breast cancer cells. It is also expressed at higher levels in early recurrence breast cancer tissues as compared to non-recurrent breast tumors. The calculated molecular weight of TMEM33 is 28 kDa. It is suggest that TMEM33 has a potency to suppress the membrane-shaping activity of reticulons, thereby regulating the tubular structure of ER (PMID: 25612671).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

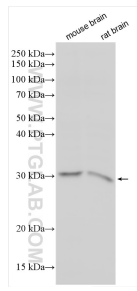
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30639-1-AP (TMEM33 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30639-1-PBS in a different storage buffer formulation.