For Research Use Only

TSPAN13 Polyclonal antibody

Catalog Number:30072-1-AP

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Basic Information

Catalog Number:
30072-1-AP

Size:
150ul , Concentration: 600 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG32345

GenBank Accession Number:
BC033863

GeneID (NCBI):
27075

UNIPROT ID:
O95857

Full Name:
tetraspanin 13

Calculated MW:
204 aa, 22 kDa

Observed MW:
33 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:5000-1:50000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : PC-3 cells, U-251 cells

Background Information

TSPAN13 (also known as NET6 or TM4SF13) is a membrane protein of the tetraspanin superfamily, which are characterized by the presence of four conserved transmembrane regions. Many of these members have been implicated in signal transduction, cell-cell interactions, and cellular activation and development. Overexpression of TSPAN13 has been reported in prostate cancer, suggesting that TSPAN13 may have an important role in the progression of prostate cancer (PMID: 19148481). The experimentally determined molecular mass of 28-35 kDa is larger than the calcular molecular weight of 22 kDa, which could be a result of post-translational modifications (PMID: 23648579).

Storage

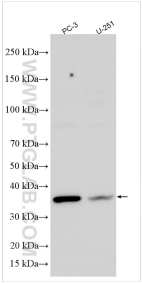
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30072-1-AP (TSPAN13 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.