

For Research Use Only

TSPAN13 Polyclonal antibody

Catalog Number: 13570-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

13570-1-AP

Size:

150ul, Concentration: 850 µg/ml by Nanodrop and 380 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4464

GenBank Accession Number:

BC033863

GeneID (NCBI):

27075

UNIPROT ID:

O95857

Full Name:

tetraspanin 13

Calculated MW:

204 aa, 22 kDa

Observed MW:

28-35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : mouse lung tissue,

IP : mouse lung tissue,

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). TSPAN13 has a calculated molecular weight of 22 kDa. This polyclonal antibody is raised against 100-204aa of human TSPAN13. The experimentally determined molecular mass of 28-35 kDa is larger than the calculated molecular mass, which could be a result of post-translational modifications (PMID: 23648579).

Notable Publications

| Author | Pubmed ID | Journal | Application |
|---------|-----------|----------------------|-------------|
| Peng Li | 30114378 | Bosn J Basic Med Sci | WB |

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

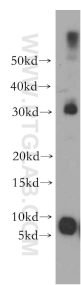
For technical support and original validation data for this product please contact:

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

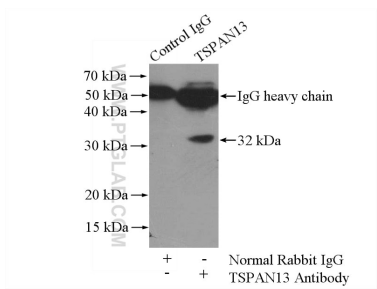
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 13570-1-AP (TSPAN13 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-TSPAN13 (IP:13570-1-AP, 3ug; Detection:13570-1-AP 1:300) with mouse lung tissue lysate 4000ug.