

For Research Use Only

TSPAN2 Polyclonal antibody

Catalog Number: 20463-1-AP

3 Publications



Basic Information

Catalog Number:

20463-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14299

GenBank Accession Number:

BC021675

GeneID (NCBI):

10100

UNIPROT ID:

O60636

Full Name:

tetraspanin 2

Calculated MW:

221 aa, 24 kDa

Observed MW:

30-35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:300-1:1000

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

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : HL-60 cells, K-562 cells

IP : HL-60 cells,

Background Information

TSPAN2 is a membrane protein of the tetraspanin superfamily, which are characterized by the presence of four conserved transmembrane regions. Tetraspanins have been involved in diverse processes such as cell activation and proliferation, adhesion and motility, differentiation, and cancer. It has been reported that TSPAN2 is involved in cell invasion and motility during lung cancer progression (PMID: 24726368). TSPAN2 enhances cell motility and invasiveness by assisting CD44 in scavenging intracellular reactive oxygen species.

Notable Publications

Author	Pubmed ID	Journal	Application
Vasiliki-Ilya Gargareta	35543322	Elife	WB
Jinjing Zhao	28258189	FASEB J	IF
Sophie B Siems	39344832	Glia	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

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

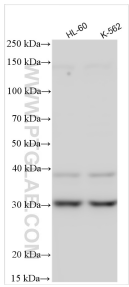
T: 4006900926

E: Proteintech-CN@ptglab.com

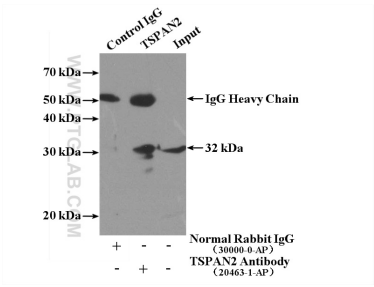
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20463-1-AP (TSPAN2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-TSPAN2 (IP:20463-1-AP, 4ug; Detection:20463-1-AP 1:500) with HL-60 cells lysate 960ug.