

For Research Use Only

TSPAN2 Polyclonal antibody

Catalog Number: 20463-1-AP **2 Publications**



Basic Information

Catalog Number: 20463-1-AP	GenBank Accession Number: BC021675	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 167 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10100	Recommended Dilutions: WB 1:300-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: tetraspanin 2	
Isotype: IgG	Calculated MW: 221 aa, 24 kDa	
Immunogen Catalog Number: AG14299	Observed MW: 30-35 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls: WB : HL-60 cells, K-562 cells
Cited Applications: IF, WB	IP: HL-60 cells,
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

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

Storage

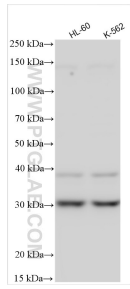
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

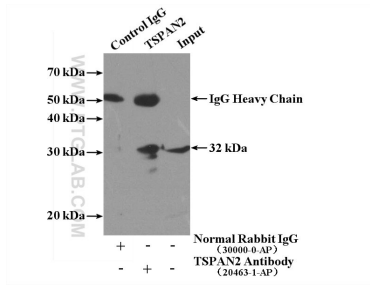
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.