

For Research Use Only

TSPAN5 Polyclonal antibody

Catalog Number: 12122-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number: 12122-1-AP	GenBank Accession Number: BC009704	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10098	Recommended Dilutions: WB 1:2000-1:10000
Source: Rabbit	Full Name: tetraspanin 5	
Isotype: IgG	Calculated MW: 268 aa, 30 kDa	
Immunogen Catalog Number: AG2765	Observed MW: 30-40 kDa, 90 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Jurkat cells,
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	

Background Information

TSPAN5 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. TSPAN5 belongs to the TSPANC8 subfamily, which also include TSPAN10, TSPAN14, TSPAN15, TSPAN17, and TSPAN33. It has been reported that TSPANC8 tetraspanins interact with ADAM10 and have a conserved function in the regulation of ADAM10 trafficking and activity, thereby positively regulating Notch receptor activation (PMID: 23091066; 23035126).

Notable Publications

Author	Pubmed ID	Journal	Application
Mirjana Malnar Črnigoj	37717009	Nat Commun	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

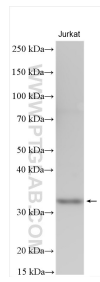
For technical support and original validation data for this product please contact:

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

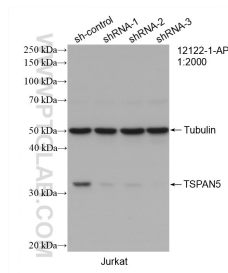
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 12122-1-AP (TSPAN5 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



WB result of TSPAN5 antibody (12122-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TSPAN5 transfected Jurkat cells.