

For Research Use Only

TSPAN9 Polyclonal antibody

Catalog Number: 21983-1-AP

2 Publications



Basic Information

Catalog Number:

21983-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17048

GenBank Accession Number:

BC071881

GeneID (NCBI):

10867

UNIPROT ID:

O75954

Full Name:

tetraspanin 9

Calculated MW:

239 aa, 27 kDa

Observed MW:

29-33 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

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, FC

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Positive Controls:

WB: mouse peripheral blood leukocyte, mouse spleen tissue, rat spleen tissue

IP: mouse spleen tissue,

Background Information

TSPAN9 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. TSPAN9 is relatively highly expressed in the megakaryocyte/platelet lineage and has a role in regulating platelet function in concert with other platelet tetraspanins and their associated proteins. TSPAN9 has been identified as a glycoprotein (PMID: 18795891). This polyclonal antibody detects endogenous TSPAN9 at a band of 29-33 kDa, which is larger than the calculated molecular weight of TSPAN9 (27 kDa), probably due to glycosylation.

Notable Publications

Author	Pubmed ID	Journal	Application
Mengyan Hu	37402721	Nat Commun	WB, FC
Tiemei Li	37246283	Adv Sci (Weinh)	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

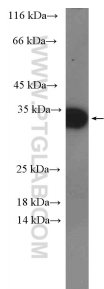
For technical support and original validation data for this product please contact:

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

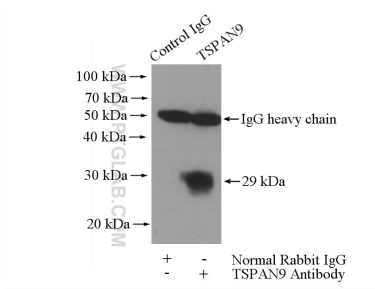
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



mouse peripheral blood leukocyte were subjected to SDS PAGE followed by western blot with 21983-1-AP (TSPAN9 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP result of anti-TSPAN9 (IP:21983-1-AP, 4ug; Detection:21983-1-AP 1:500) with mouse spleen tissue lysate 4800ug.