

For Research Use Only

TSPAN6 Polyclonal antibody

Catalog Number: 12293-1-AP

2 Publications



Basic Information

Catalog Number:

12293-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2964

GenBank Accession Number:

BC012389

GeneID (NCBI):

7105

UNIPROT ID:

O43657

Full Name:

tetraspanin 6

Calculated MW:

245 aa, 28 kDa

Observed MW:

25-30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat

Positive Controls:

WB : mouse colon tissue, rat colon tissue

Background Information

TSPAN6 (also known as TM4SF6) 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. TSPAN6 gene is widely expressed, with high mRNA levels in liver, pancreas, kidney, and ovary (PMID: 9782095). TSPAN6 has been reported as a negative regulator of the RLR pathway by interacting with MAVS in a ubiquitination-dependent manner (PMID: 22908223).

Notable Publications

Author	Pubmed ID	Journal	Application
Zhihua Qiao	39548518	Stem Cell Res Ther	WB
Longqi Sa	39472973	Eur J Med Res	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
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse colon tissue were subjected to SDS PAGE followed by western blot with 12293-1-AP (TSPAN6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.