

For Research Use Only

TSPAN14 Polyclonal antibody

Catalog Number: 15314-1-AP

1 Publications



Basic Information

Catalog Number:

15314-1-AP

Size:

250 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7551

GenBank Accession Number:

BC002920

GeneID (NCBI):

81619

UNIPROT ID:

Q8NG11

Full Name:

tetraspanin 14

Calculated MW:

31 kDa

Observed MW:

31 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : A549 cells, SH-SY5Y cells

Background Information

TSPAN14 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. TSPAN14 belongs to the TSPANC8 subfamily, which also include TSPAN5, TSPAN10, 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
Liqiao Hu	39001700	J Extracell Vesicles	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:

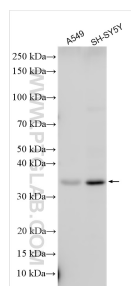
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



A549 cells were subjected to SDS PAGE followed by western blot with 15314-1-AP (TSPAN14 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.