

TSPAN33 Polyclonal antibody

Catalog Number: 14329-1-AP

1 Publications

Basic Information

Catalog Number:

14329-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5597

GenBank Accession Number:

BC044244

GeneID (NCBI):

340348

UNIPROT ID:

Q86UF1

Full Name:

tetraspanin 33

Calculated MW:

32 kDa

Observed MW:

64-72 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : human brain tissue, human plasma tissue

IHC : human hepatocirrhosis tissue,

Background Information

TSPAN33 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. TSPAN33 belongs to the TSPANC8 subfamily, which also include TSPAN5, TSPAN10, TSPAN14, TSPAN15, and TSPAN17. 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
Almudena Ruiz-García	27574297	J Immunol	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

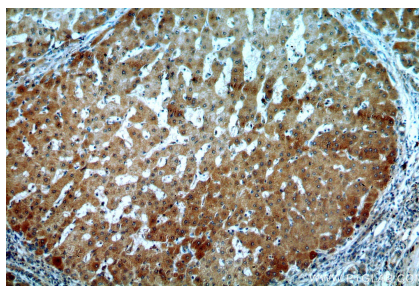
E: Proteintech-CN@ptglab.comW: ptgcn.com

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

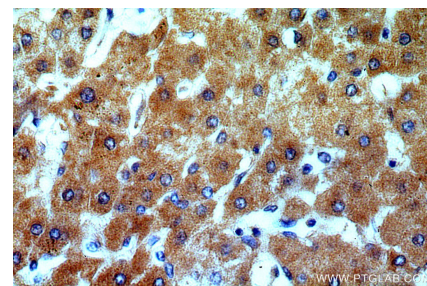
Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 14329-1-AP (TSPAN33 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 14329-1-AP (TSPAN33 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human hepatocirrhosis using 14329-1-AP (TSPAN33 antibody) at dilution of 1:50 (under 40x lens).