

For Research Use Only

TSPAN5 Polyclonal antibody, PBS Only

Catalog Number: 12122-1-PBS

Featured Product



Basic Information

Catalog Number:

12122-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2765

GenBank Accession Number:

BC009704

GeneID (NCBI):

10098

UNIPROT ID:

P62079

Full Name:

tetraspanin 5

Calculated MW:

268 aa, 30 kDa

Observed MW:

30-40 kDa, 90 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

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).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

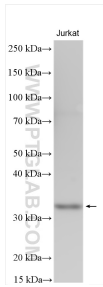
T: 4006900926

E: Proteintech-CN@ptglab.com

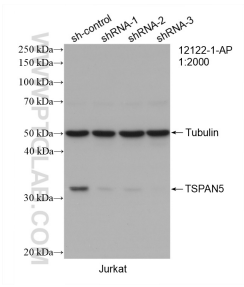
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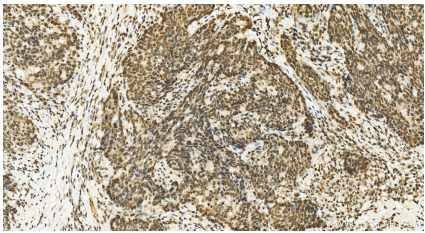
Selected Validation Data



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. This data was developed using the same antibody clone with 12122-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 12122-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 12122-1-AP (TSPAN5 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Sodium Citrate buffer (pH 6.0). This data was developed using the same antibody clone with 12122-1-PBS in a different storage buffer formulation.