

For Research Use Only

TSPAN7 Polyclonal antibody, PBS Only

Catalog Number:18695-1-PBS



Basic Information

Catalog Number:

18695-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC018036

GeneID (NCBI):

7102

UNIPROT ID:

P41732

Full Name:

tetraspanin 7

Calculated MW:

28 kDa

Observed MW:

28-35 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IP, Indirect ELISA

Species Specificity:

human

Background Information

TSPAN7, also named as A15, MXS1, CD231, MRX58, CCG-B7, TM4SF2, TALLA-1, TM4SF2b and DXS1692E, is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. TSPAN7 is a cell surface glycoprotein and may have a role in the control of neurite outgrowth. TSPAN7 may be involved in cell proliferation and cell motility. It is not solely expressed in T cells, but also expressed in acute myelocytic leukemia cells of some patients. The antibody only recognize the protein TSPAN7, can't recognize the protein TSPAN6.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

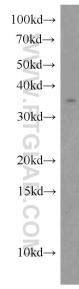
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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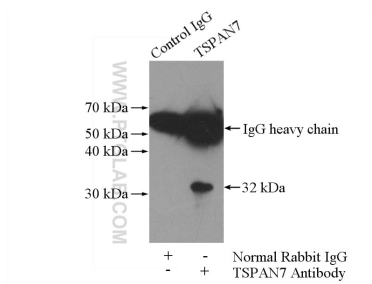
Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 18695-1-AP (TSPAN7 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 18695-1-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 18695-1-AP (TSPAN7 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18695-1-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded mouse pancreas tissue slide using 18695-1-AP (TSPAN7 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18695-1-PBS in a different storage buffer formulation.



IP result of anti-TSPAN7 (IP:18695-1-AP, 4ug; Detection:18695-1-AP 1:500) with K-562 cells lysate 3600ug. This data was developed using the same antibody clone with 18695-1-PBS in a different storage buffer formulation.