

TSPAN7 Rabbit pAb

Catalog No.: A6417

Basic Information

Observed MW

28kDa

Calculated MW

28kDa

Category

Primary antibody

Applications

WB, IF/ICC, ELISA

Cross-Reactivity

Mouse, Rat

Background

The protein encoded by this gene 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. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein and may have a role in the control of neurite outgrowth. It is known to complex with integrins. This gene is associated with X-linked cognitive disability and neuropsychiatric diseases such as Huntington's chorea, fragile X syndrome and myotonic dystrophy.

Recommended Dilutions

WB 1:500 - 1:1000**IF/ICC** 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

7102

Swiss Prot

P41732

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

A15; MXS1; CD231; MRX58; CCG-B7; TM4SF2; XLID58; TALLA-1; TM4SF2b; DXS1692E; TSPAN7

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

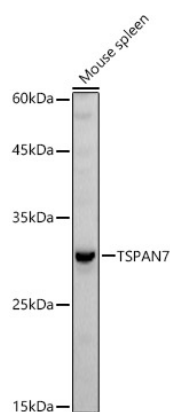
Affinity purification

Storage

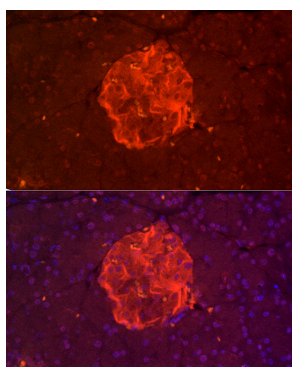
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

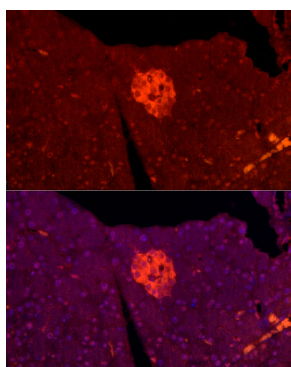
Validation Data



Western blot analysis of lysates from Mouse spleen, using TSPAN7 Rabbit pAb (A6417) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunofluorescence analysis of paraffin-embedded Mouse pancreas using TSPAN7 Rabbit pAb (A6417) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded Rat Pancreas using TSPAN7 Rabbit pAb (A6417) at dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.