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Datasheet for ABIN6149639
anti-Tetraspanin 7 antibody (AA 113-213)

1 Image

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | Tetraspanin 7 (TSPAN7) |
| Binding Specificity: | AA 113-213 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Tetraspanin 7 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant fusion protein containing a sequence corresponding to amino acids 113-213 of human TSPAN7 (NP_004606.2). |
| Sequence: | RHEIKDTFLR TYTDAMQTYN GNDERSRAVD HVQRSLSCCG VQNYTNWSTS PYFLEHGIPP SCCMNETDCN PQDLHNLTV AATKVNQKGCY DLVTSFMETN M |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Characteristics: | Polyclonal Antibodies |

Target Details

| | |
|---------|------------------------|
| Target: | Tetraspanin 7 (TSPAN7) |
|---------|------------------------|

Target Details

Alternative Name: TSPAN7 ([TSPAN7 Products](#))

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 mental retardation and neuropsychiatric diseases such as Huntington's chorea, fragile X syndrome and myotonic dystrophy.,TSPAN7,A15,CCG-B7,CD231,DXS1692E,MRX58,MXS1,TALLA-1,TM4SF2,TM4SF2b,Cancer,Signal Transduction,Endocrine & Metabolism,Amino acid metabolism,Immunology & Inflammation,CD markers,TSPAN7

Molecular Weight: 27 kDa

Gene ID: 7102

UniProt: [P41732](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

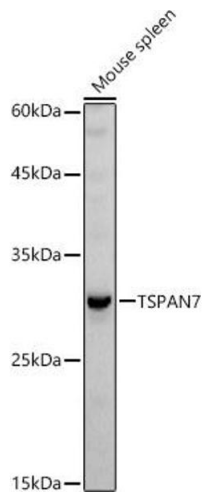
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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



Western Blotting

Image 1. Western blot analysis of extracts of Mouse spleen, using TSP antibody (ABIN6129686, ABIN6149639, ABIN6149642 and ABIN6222054) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.