



## Rabbit Anti-TSPAN3 antibody

SL9412R

|                               |   |
|-------------------------------|---|
| <b>Product Name:</b>          | TSPAN3  |
| <b>Chinese Name:</b>          | 四分子交联体3/四旋蛋白3/四次Transmembrane protein3抗体  |
| <b>Alias:</b>                 | tetraspanin 3; tetraspanin TM4 A; TM4 A; TM4A; TM4SF8; transmembrane 4 superfamily member 8; TSPAN 3; TSPAN-3; TSPAN3; TSN3_HUMAN.  |
| <b>Organism Species:</b>      | Rabbit  |
| <b>Clonality:</b>             | Polyclonal  |
| <b>React Species:</b>         | Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Zebrafish,Sheep,   |
| <b>Applications:</b>          | WB=1:500-2000ELISA=1:500-1000<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.  |
| <b>Molecular weight:</b>      | 28kDa   |
| <b>Cellular localization:</b> | The cell membrane   |
| <b>Form:</b>                  | Lyophilized or Liquid   |
| <b>Concentration:</b>         | 1mg/ml  |
| <b>immunogen:</b>             | KLH conjugated synthetic peptide derived from human TSPAN3:61-160/253<Extracellular>  |
| <b>Lsotype:</b>               | IgG   |
| <b>Purification:</b>          | affinity purified by Protein A  |
| <b>Storage Buffer:</b>        | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.  |
| <b>Storage:</b>               | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.   |
| <b>PubMed:</b>                | <a href="#">PubMed</a>  |
| <b>Product Detail:</b>        | TSPAN3 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. The use of alternate polyadenylation sites has been found for this gene. Two alternative transcripts encoding different isoforms have been described. |

**Function:**

Regulates the proliferation and migration of oligodendrocytes, a process essential for normal myelination and repair.

**Subunit:**

Interacts with claudin-11/CLDN11 and integrins.

**Subcellular Location:**

Membrane; Multi-pass membrane protein.

**Similarity:**

Belongs to the tetraspanin (TM4SF) family.

**SWISS:**

O60637

**Gene ID:**

10099

**Database links:**

[Entrez Gene: 10099](#)Human

[Entrez Gene: 56434](#)Mouse

[Oimim: 613134](#)Human

[SwissProt: Q3SZR9](#)Cow

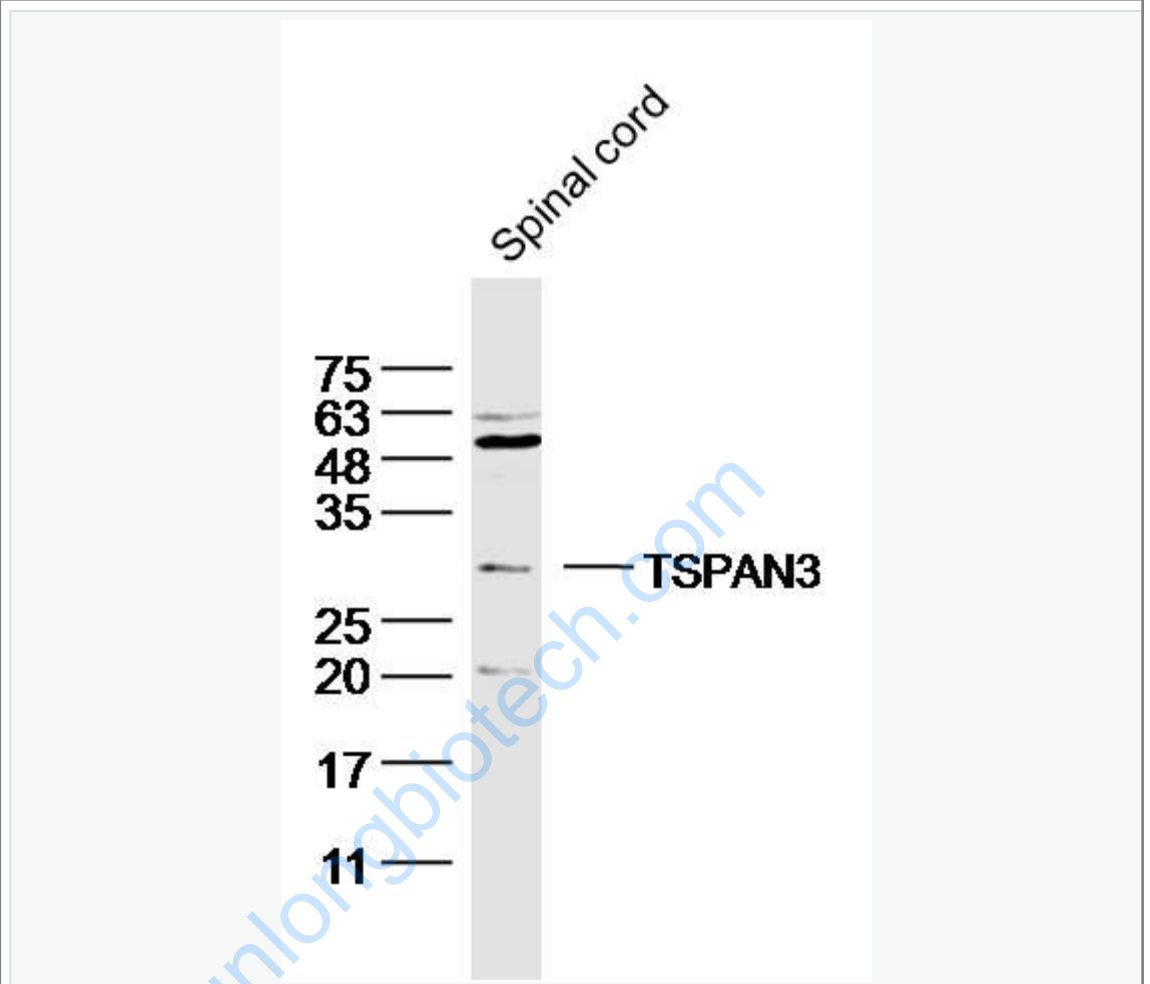
[SwissProt: O60637](#)Human

[SwissProt: Q9QY33](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

spinal cord(mouse) Lysate at 40 ug

Primary: Anti- TSPAN3 (SL9412R)at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 28kD

Observed band size: 28 kD