

**TSPAN3 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP5559c****Specification**

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**TSPAN3 Antibody (Center) - Product Information**

Application	WB, IHC-P, FC,E
Primary Accession	<a href="#">O60637</a>
Other Accession	<a href="#">O9QY33</a> , <a href="#">Q3SZR9</a> , <a href="#">NP_005715.1</a>
Reactivity	Human, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	90-117

**TSPAN3 Antibody (Center) - Additional Information****Gene ID** 10099**Other Names**

Tetraspanin-3, Tspan-3, Tetraspanin TM4-A, Transmembrane 4 superfamily member 8, TSPAN3, TM4SF8

**Target/Specificity**

This TSPAN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-117 amino acids from the Central region of human TSPAN3.

**Dilution**WB~~1:1000  
IHC-P~~1:50~100  
FC~~1:10~50**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TSPAN3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**TSPAN3 Antibody (Center) - Protein Information****Name** TSPAN3

**Synonyms** TM4SF8

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

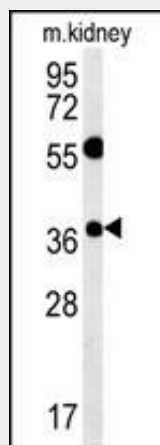
**Cellular Location**

Membrane; Multi-pass membrane protein

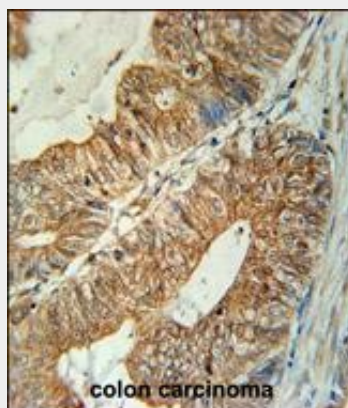
**TSPAN3 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

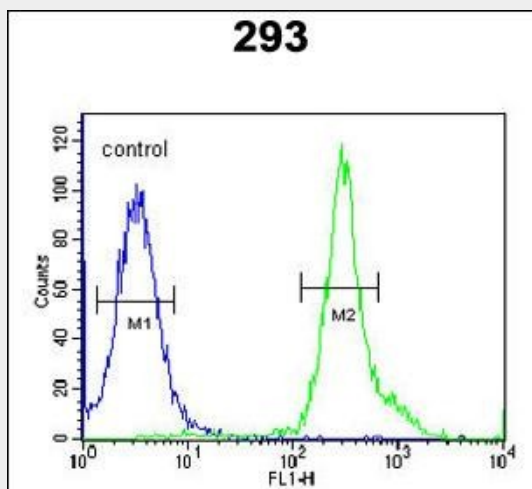
**TSPAN3 Antibody (Center) - Images**

TSPAN3 Antibody (Center) (Cat. #AP5559c) western blot analysis in mouse kidney tissue lysates (15ug/lane). This demonstrates the TSPAN3 antibody detected TSPAN3 protein (arrow).



TSPAN3 Antibody (Center) (Cat. #AP5559c) immunohistochemistry analysis in formalin fixed and

paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TSPAN3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



TSPAN3 Antibody (Center) (Cat. #AP5559c) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **TSPAN3 Antibody (Center) - 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. The use of alternate polyadenylation sites has been found for this gene.

#### **TSPAN3 Antibody (Center) - References**

Berditchevski, F. J. Cell. Sci. 114 (PT 23), 4143-4151 (2001) :  
 Todd, S.C., et al. Biochim. Biophys. Acta 1399(1):101-104(1998)  
 Wu, Y.J., et al. J. Biol. Chem. 266(26):17566-17572(1991)