

TSPAN4 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9152c**Specification**

TSPAN4 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [O14817](#)

TSPAN4 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 7106

Other Names

Tetraspanin-4, Tspan-4, Novel antigen 2, NAG-2, Transmembrane 4 superfamily member 7, TSPAN4, NAG2, TM4SF7

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9152c](/products/AP9152c) was selected from the Center region of human TSPAN4. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TSPAN4 Antibody (Center) Blocking Peptide - Protein Information

Name TSPAN4

Synonyms NAG2, TM4SF7

Cellular Location

Membrane; Multi-pass membrane protein.

Tissue Location

Expressed in multiple tissues but is absent in brain, lymphoid cells, and platelets

TSPAN4 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TSPAN4 Antibody (Center) Blocking Peptide - Images

TSPAN4 Antibody (Center) Blocking Peptide - Background

TSPAN4 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 protein is a cell surface glycoprotein and is similar in sequence to its family member CD53 antigen. It is known to complex with integrins and other transmembrane 4 superfamily proteins.

TSPAN4 Antibody (Center) Blocking Peptide - References

Sjoeblom T., et.al., Science 314:268-274(2006).