

**VSGP/F-spondin Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12414a****Specification**

---

**VSGP/F-spondin Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q9HCB6](#)**VSGP/F-spondin Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 10418**Other Names**

Spondin-1, F-spondin, Vascular smooth muscle cell growth-promoting factor, SPON1, KIAA0762, VSGP

**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.

**VSGP/F-spondin Antibody (N-term) Blocking peptide - Protein Information****Name** SPON1**Synonyms** KIAA0762, VSGP**Function**

Cell adhesion protein that promotes the attachment of spinal cord and sensory neuron cells and the outgrowth of neurites in vitro. May contribute to the growth and guidance of axons in both the spinal cord and the PNS (By similarity). Major factor for vascular smooth muscle cell.

**Cellular Location**

Secreted, extracellular space, extracellular matrix

**Tissue Location**

Highest expression in lung, lower expression in brain, heart, kidney, liver and testis, and lowest expression in pancreas, skeletal muscle and ovary. Not expressed in spleen

**VSGP/F-spondin Antibody (N-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **VSGP/F-spondin Antibody (N-term) Blocking peptide - Images**

#### **VSGP/F-spondin Antibody (N-term) Blocking peptide - Background**

Cell adhesion protein that promotes the attachment of spinal cord and sensory neuron cells and the outgrowth of neurites in vitro. May contribute to the growth and guidance of axons in both the spinal cord and the PNS (By similarity). Major factor for vascular smooth muscle cell.

#### **VSGP/F-spondin Antibody (N-term) Blocking peptide - References**

Rose, J. Phd, et al. Mol. Med. (2010) In press :Attur, M.G., et al. FASEB J. 23(1):79-89(2009)Tan, K., et al. J. Mol. Biol. 381(5):1213-1223(2008)Kitagawa, M., et al. Biochem. Biophys. Res. Commun. 349(3):1050-1056(2006)Pyle-Chenault, R.A., et al. Tumour Biol. 26(5):245-257(2005)