

**VSGP/F-spondin Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP12414a****Specification**

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**VSGP/F-spondin Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9HCB6</a>
Other Accession	<a href="#">O9GLX9</a> , <a href="#">NP_006099.2</a>
Reactivity	Human, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	15-43

**VSGP/F-spondin Antibody (N-term) - Additional Information****Gene ID** 10418**Other Names**

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

**Target/Specificity**

This VSGP/F-spondin antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-43 amino acids from the N-terminal region of human VSGP/F-spondin.

**Dilution**

WB~~1:2000

E~~Use at an assay dependent concentration.

**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**

VSGP/F-spondin Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**VSGP/F-spondin Antibody (N-term) - 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

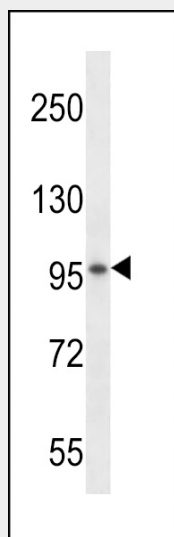
**Tissue Location**

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

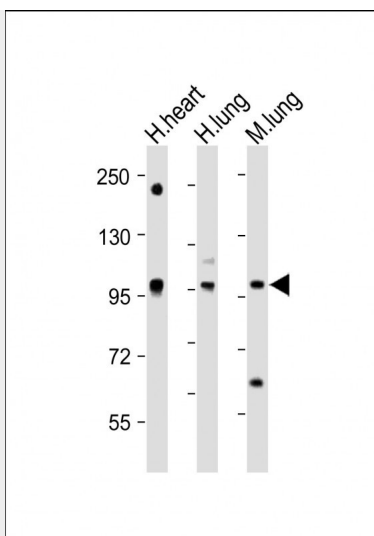
**VSGP/F-spondin Antibody (N-term) - Protocols**

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](#)

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

VSGP/F-spondin Antibody (N-term) (Cat. #AP12414a) western blot analysis in mouse kidney tissue lysates (35ug/lane). This demonstrates the VSGP/F-spondin antibody detected the VSGP/F-spondin protein (arrow).



All lanes : Anti-VSGP/F-spondin Antibody (N-term) at 1:2000 dilution Lane 1: Human heart lysate Lane 2: Human lung lysate Lane 3: Mouse lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 91 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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

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