

### **VEGF-C Antibody**

Purified Goat Polyclonal Antibody Catalog # ABV11608

# **Specification**

# **VEGF-C Antibody - Product Information**

Application WB, IHC
Primary Accession P49767
Reactivity Human
Host Goat
Clonality Polyclonal
Isotype Goat IgG
Calculated MW 46883

# **VEGF-C Antibody - Additional Information**

#### **Gene ID 7424**

#### **Other Names**

VEGF C, Vascular Endothelial Growth Factor C , Vascular endothelial growth factor-related protein C; VRP

# **Target/Specificity**

VEGF-C

#### **Formulation**

100 μg (0.5 mg/ml) antigen affinity purified goat polyclonal antibody in phosphate-buffered saline (PBS) containing 50% glycerol, 1% BSA, and 0.02% thimerosal.

#### Handling

The antibody solution should be gently mixed before use.

#### **Background Descriptions**

#### **Precautions**

VEGF-C Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

# **VEGF-C Antibody - Protein Information**

# **Name VEGFC**

#### **Function**

Growth factor active in angiogenesis, and endothelial cell growth, stimulating their proliferation and migration and also has effects on the permeability of blood vessels. May function in angiogenesis of the venous and lymphatic vascular systems during embryogenesis, and also in the maintenance of differentiated lymphatic endothelium in adults. Binds and activates KDR/VEGFR2 and FLT4/VEGFR3 receptors.



**Cellular Location** Secreted.

#### **Tissue Location**

Expressed in the spleen (PubMed:9247316, PubMed:8700872). Expressed in the lymph node, thymus, appendix and bone marrow (PubMed:9247316). Expressed in the heart, placenta, skeletal muscle, ovary and small intestine (PubMed:8700872, PubMed:8617204) Expressed in the prostate, testis and colon (PubMed:8700872)

# **VEGF-C Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# **VEGF-C Antibody - Images**

# **VEGF-C Antibody - Background**

Vascular Endothelial Growth Factor-C (VEGF-C) is a 125 amino acid protein that plays an important role in angiogenesis and many other biological processes. Human VEGF-C exhibits about 85% homology with murine VEGF-C.