

**VEGFC Antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI16135**

**Specification**

---

**VEGFC Antibody - N-terminal region - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">P49767</a>
Other Accession	<a href="#">NP_005420</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>46kDa KDa</b>

**VEGFC Antibody - N-terminal region - Additional Information**

**Gene ID** 7424

**Alias Symbol** **VEGFC,**  
**Other Names**  
Vascular endothelial growth factor C, VEGF-C, Flt4 ligand, Flt4-L, Vascular endothelial growth factor-related protein, VRP, VEGFC

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 50  $\mu$ l of distilled water. Final Anti-VEGFC antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

VEGFC Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**VEGFC Antibody - N-terminal region - 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

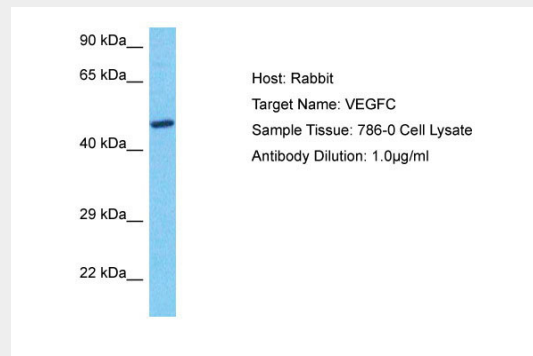
Expressed in the spleen (PubMed:8700872, PubMed:9247316). Expressed in the lymph node, thymus, appendix and bone marrow (PubMed:9247316). Expressed in the heart, placenta, skeletal muscle, ovary and small intestine (PubMed:8617204, PubMed:8700872) Expressed in the prostate, testis and colon (PubMed:8700872)

### VEGFC Antibody - N-terminal region - 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](#)

### VEGFC Antibody - N-terminal region - Images



Host: Rabbit  
Target Name: VEGFC  
Sample Tissue: 786-0 Whole Cell lysates  
Antibody Dilution: 1.0µg/ml

### VEGFC Antibody - N-terminal region - Background

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 VEGFR-2 (KDR/FLK1) and VEGFR-3 (FLT4) receptors.

### VEGFC Antibody - N-terminal region - References

- Joukov V., et al. EMBO J. 15:290-298(1996).  
Joukov V., et al. EMBO J. 15:1751-1751(1996).  
Lee J., et al. Proc. Natl. Acad. Sci. U.S.A. 93:1988-1992(1996).  
Fitz L.J., et al. Oncogene 15:613-618(1997).  
Ota T., et al. Nat. Genet. 36:40-45(2004).