

# VEGFC Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI16135

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P49767</a>
<b>Other Accession</b>	<a href="#">NP_005420</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	46883

## Additional Information

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<b>Gene ID</b>	7424
<b>Alias Symbol</b> <b>Other Names</b>	VEGFC, Vascular endothelial growth factor C, VEGF-C, Flt4 ligand, Flt4-L, Vascular endothelial growth factor-related protein, VRP, VEGFC
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	VEGFC Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	VEGFC
<b>Function</b>	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.
<b>Cellular Location</b>	Secreted.
<b>Tissue Location</b>	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)

## Background

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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.

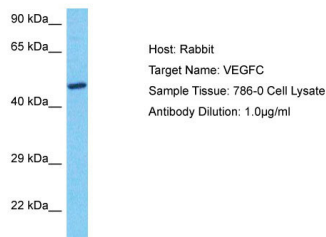
## References

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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).

## Images

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.