

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

VEGFC Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P49767
Other Accession	NP_005420
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46kDa KDa

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 µl 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.

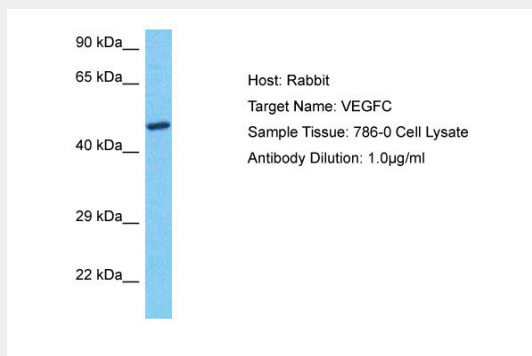
Tissue Location

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).