

## **VEGF-C Polyclonal Antibody**

**Catalog # AP73480** 

### **Specification**

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

Application WB, IHC-P Primary Accession P49767

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

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

#### **Gene ID 7424**

#### **Other Names**

VEGFC; Vascular endothelial growth factor C; VEGF-C; Flt4 ligand; Flt4-L; Vascular endothelial growth factor-related protein; VRP

#### **Dilution**

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~ $\sim$ N/A

### **Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

### **Storage Conditions**

-20°C

## **VEGF-C Polyclonal 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: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,



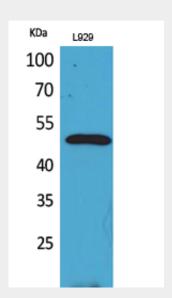
testis and colon (PubMed:8700872)

# **VEGF-C Polyclonal Antibody - Protocols**

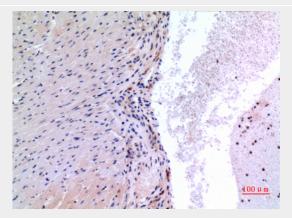
Provided below are standard protocols that you may find useful for product applications.

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

# **VEGF-C Polyclonal Antibody - Images**

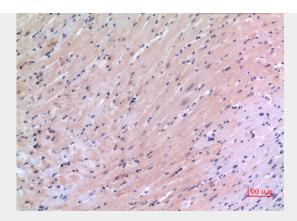


Western Blot analysis of L929 cells using VEGF-C Polyclonal Antibody. Antibody was diluted at 1:2000. Secondary antibody was diluted at 1:20000

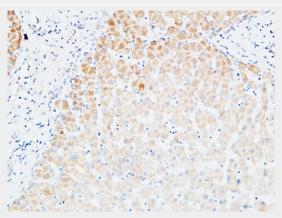


Immunohistochemical analysis of paraffin-embedded mouse-heart, antibody was diluted at 1:100

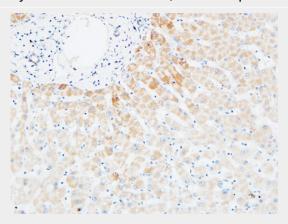




Immunohistochemical analysis of paraffin-embedded mouse-heart, antibody was diluted at 1:100

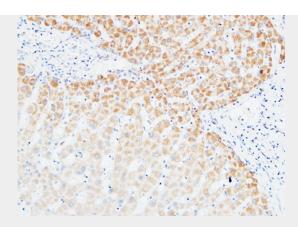


Immunohistochemical analysis of paraffin-embedded Human Liver. 1, Antibody was diluted at 1:200(4°,overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

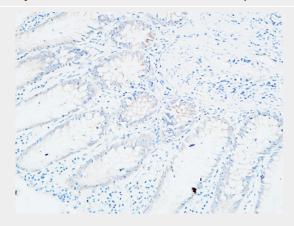


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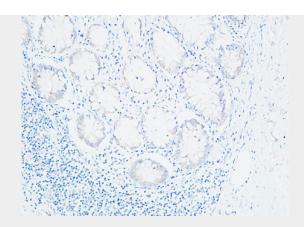


Immunohistochemical analysis of paraffin-embedded Human colon. 1, Antibody was diluted at 1:200(4°,overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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