

### **VEGF-B Polyclonal Antibody**

**Catalog # AP73669** 

#### **Specification**

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

Application WB, IHC-P Primary Accession P49765

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

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

**Gene ID** 7423

#### **Other Names**

VEGFB; VRF; Vascular endothelial growth factor B; VEGF-B; VEGF-related factor; VRF

#### 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-B Polyclonal Antibody - Protein Information**

#### Name VEGFB

**Synonyms VRF** 

#### **Function**

Growth factor for endothelial cells. VEGF-B167 binds heparin and neuropilin-1 whereas the binding to neuropilin-1 of VEGF-B186 is regulated by proteolysis.

#### **Cellular Location**

Secreted. Note=Secreted but remains associated to cells or to the extracellular matrix unless released by heparin

#### **Tissue Location**

Expressed in all tissues except liver. Highest levels found in heart, skeletal muscle and pancreas

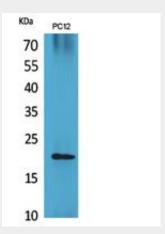


## **VEGF-B Polyclonal Antibody - Protocols**

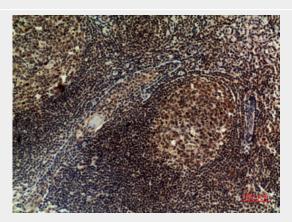
Provided below are standard protocols that you may find useful for product applications.

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

# **VEGF-B Polyclonal Antibody - Images**

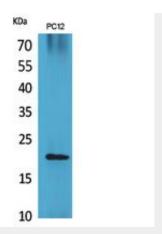


Western Blot analysis of PC12 cells using VEGF-B Polyclonal Antibody. Secondary antibody was diluted at 1:20000

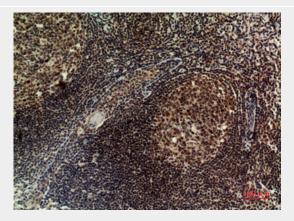


Immunohistochemical analysis of paraffin-embedded human-tonsilla, antibody was diluted at 1:100





Western Blot analysis of PC12 cells using VEGF-B Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-tonsilla, antibody was diluted at 1:100

## **VEGF-B Polyclonal Antibody - Background**

Growth factor for endothelial cells. VEGF-B167 binds heparin and neuropilin-1 whereas the binding to neuropilin-1 of VEGF-B186 is regulated by proteolysis.