

VEGF-B Polyclonal Antibody

Catalog # AP73054

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 $\sim\sim$ Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~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

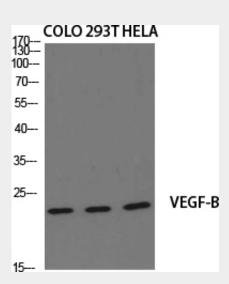


VEGF-B Polyclonal Antibody - Protocols

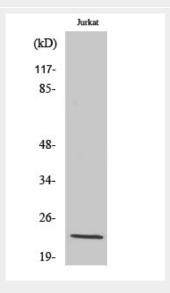
Provided below are standard protocols that you may find useful for product applications.

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

VEGF-B Polyclonal Antibody - Images

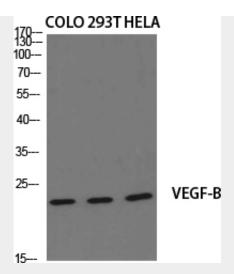


Western Blot analysis of various cells using VEGF-B Polyclonal Antibody diluted at $1 \square 2000$. Secondary antibody was diluted at 1:20000

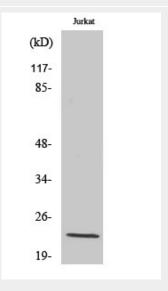


Western Blot analysis of Jurkat cells using VEGF-B Polyclonal Antibody diluted at $1\square 2000$. Secondary antibody was diluted at 1:20000





Western Blot analysis of various cells using VEGF-B Polyclonal Antibody diluted at $1 \square 2000$. Secondary antibody was diluted at 1:20000



Western Blot analysis of Jurkat cells using VEGF-B Polyclonal Antibody diluted at $1 \square 2000$. Secondary antibody was diluted at 1:20000

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.