

# VEGFB Rabbit Polyclonal Antibody

Catalog No: #54349

Package Size: #54349-1 50ul #54349-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

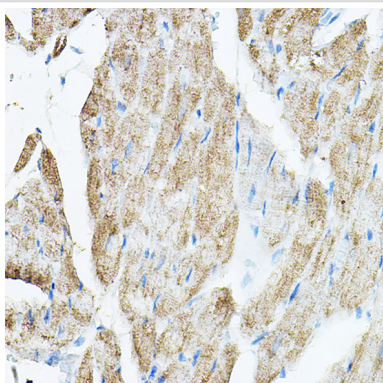
## Description

|                       |  |
|-----------------------|--|
| Product Name          | VEGFB Rabbit Polyclonal Antibody                         |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Isotype               | IgG  |
| Purification          | Affinity purification                                    |
| Applications          | WB,IHC   |
| Species Reactivity    | Human,Mouse,Rat  |
| Immunogen Description | Recombinant fusion protein of human VEGFB (NP_003368.1). |
| Other Names           | VEGFB;VEGFL;VRF;VEGF-B                                   |
| Accession No.         | Swiss Prot:P49765Gene ID:7423                            |
| Calculated MW         | 21kDa  |
| SDS-PAGE MW           | Refer to figures   |
| Formulation           | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.  |
| Storage               | Store at -20°C. Avoid freeze / thaw cycles.              |

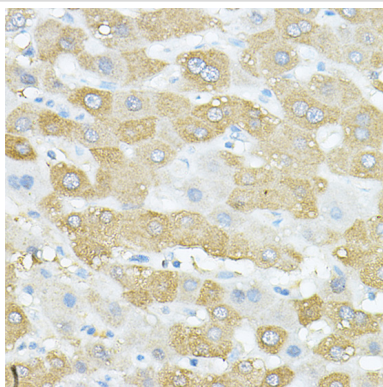
## Application Details

WB□1:2000 - 1:5000IHC□1:50 - 1:200

## Images



Immunohistochemistry of paraffin-embedded rat heart using VEGFB Rabbit pAb.



Immunohistochemistry of paraffin-embedded human liver using VEGFB Rabbit pAb.

## Background

This gene encodes a member of the PDGF (platelet-derived growth factor)/VEGF (vascular endothelial growth factor) family. The VEGF family members regulate the formation of blood vessels and are involved in endothelial cell physiology. This member is a ligand for VEGFR-1 (vascular endothelial growth factor receptor 1) and NRP-1 (neuropilin-1). Studies in mice showed that this gene was co-expressed with nuclear-encoded mitochondrial genes and the encoded protein specifically controlled endothelial uptake of fatty acids. Alternatively spliced transcript variants encoding distinct isoforms have been identified.

**Note:** This product is for in vitro research use only and is not intended for use in humans or animals.