

VEGFB Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51608

Product Information

Application	WB, IHC-P
Primary Accession	P49765
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21602

Additional Information

Gene ID	7423
Other Names	Vascular endothelial growth factor B, VEGF-B, VEGF-related factor, VRF, VEGFB, VRF
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human VEGFB. The exact sequence is proprietary.
Dilution	WB~~1:1000 IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

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.

References

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Olofsson B.,et al.J. Biol. Chem. 271:19310-19317(1996).
Olofsson B.,et al.Proc. Natl. Acad. Sci. U.S.A. 93:2576-2581(1996).
Iyer S.,et al.J. Mol. Biol. 359:76-85(2006).

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