

Datasheet for ABIN3023000
anti-VEGFB antibody (AA 100-200)[Go to Product page](#)

6 Images

Overview

Quantity:	100 µL
Target:	VEGFB
Binding Specificity:	AA 100-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VEGFB antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human VEGFB (NP_003368.1).
Sequence:	QILMIRYPSS QLGEMSLEEH SQCECRPKKK DSAVKPDRAA TPHHRPQPRS VPGWDSAPGA PSPADITHPT PAPGSAHAA PSTTSALTPG PAAAAADAAA S
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	VEGFB
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Target Details

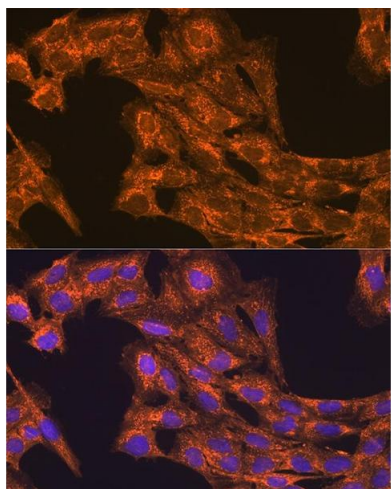
Alternative Name:	VEGFB (VEGFB Products)
Background:	<p>This gene encodes a member of the PDGF (platelet-derived growth factor)/VEGF (vascular endothelial growth factor) family. The VEGF family members regulate the formation of blood vessels and are involved in endothelial cell physiology. This member 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.,VEGFB,VEGFL,VRF,VEGF-B,Cancer,Invasion and Metastasis,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,Growth factor,VEGF,Immunology & Inflammation,Cytokines,Neuroscience,Cardiovascular,Angiogenesis,Angiogenic growth factors,VEGFB</p>
Molecular Weight:	21 kDa
Gene ID:	7423
UniProt:	P49765
Pathways:	RTK Signaling , Signaling Events mediated by VEGFR1 and VEGFR2 , VEGFR1 Specific Signals

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200
Restrictions:	For Research Use only

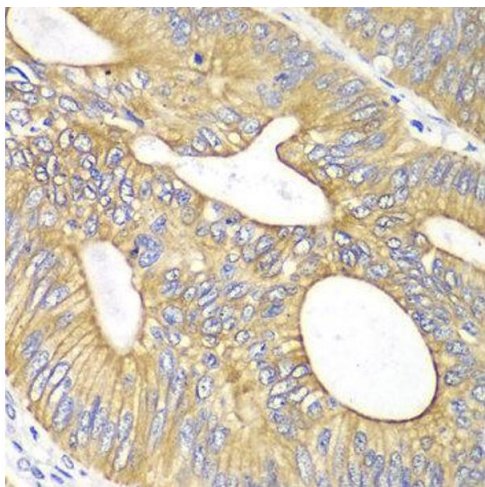
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



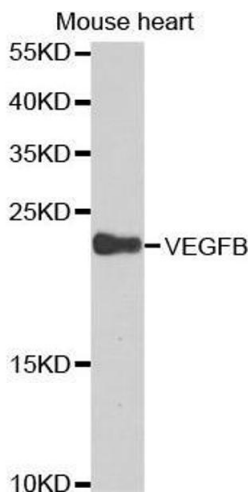
Immunofluorescence

Image 1. Immunofluorescence analysis of C6 cells using VEGFB Rabbit pAb (ABIN3022999, ABIN3023000, ABIN3023001 and ABIN6219338) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry

Image 2.



Western Blotting

Image 3.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3023000.