



# Rabbit Anti-Human VEGFC Polyclonal Antibody (CABT-L2085)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Vascular Endothelial Growth Factor C (Knockout Validated)
<b>Specificity</b>	The antibody is a rabbit polyclonal antibody raised against VEGFC. It has been selected for its ability to recognize VEGFC in immunohistochemical staining and western blotting.
<b>Target</b>	VEGFC
<b>Immunogen</b>	Recombinant fragment corresponding to human VEGFC (Glu47~Trp413)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
<b>Preservative</b>	0.05% Proclin-300

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
<b>Ship</b>	4°C with ice bags

## BACKGROUND

<b>Introduction</b>	The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family. The encoded protein promotes angiogenesis and endothelial cell growth, and can also affect the permeability of blood vessels. The proprotein is further cleaved into a fully processed form that can bind and activate VEGFR-2 and VEGFR-3 receptors. [provided by RefSeq, Apr 2014]
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<b>Keywords</b>	VEGF-C;Flt4-L;VRPL;Vascular Endothelial Growth Factor-Related Protein
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## GENE INFORMATION

<b>Gene Name</b>	VEGFC vascular endothelial growth factor C [ Homo sapiens (human) ]
<b>Official Symbol</b>	VEGFC
<b>Synonyms</b>	VEGFC; vascular endothelial growth factor C; VRP; Flt4-L; LMPH1D; FLT4 ligand DHM; vascular endothelial growth factor-related protein;
<b>Entrez Gene ID</b>	<a href="#">7424</a>
<b>Protein Refseq</b>	NP_005420
<b>UniProt ID</b>	<a href="#">P49767</a>
<b>Chromosome Location</b>	4q34.3
<b>Pathway</b>	Cytokine-cytokine receptor interaction; Focal Adhesion; Focal adhesion; Heart Development; Hemostasis; PI3K-Akt signaling pathway; Pathways in cancer; Platelet activation, signaling and aggregation;
<b>Function</b>	chemoattractant activity; growth factor activity; protein binding; vascular endothelial growth factor receptor 3 binding;