



# Anti-FIGF polyclonal antibody (DPABH-14398)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Growth factor active in angiogenesis, lymphangiogenesis and endothelial cell growth, stimulating their proliferation and migration and also has effects on the permeability of blood vessels. May function in the formation of the venous and lymphatic vascular systems during embryogenesis, and also in the maintenance of differentiated lymphatic endothelium in adults. Binds and activates VEGFR-2 (KDR/FLK1) and VEGFR-3 (FLT4) receptors.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 300 to the C-terminus of Human VEGFD.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituent: PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">FIGF c-fos induced growth factor (vascular endothelial growth factor D) [ Homo sapiens ]</a>
Official Symbol	FIGF
Synonyms	FIGF; c-fos induced growth factor (vascular endothelial growth factor D); VEGFD; VEGF-D; vascular endothelial growth factor D;
Entrez Gene ID	<a href="#">2277</a>
Protein Refseq	<a href="#">NP_004460.1</a>
UniProt ID	<a href="#">O43915</a>
Pathway	Cytokine-cytokine receptor interaction; Focal Adhesion; Focal adhesion; PI3K-Akt signaling pathway
Function	chemoattractant activity; growth factor activity; platelet-derived growth factor receptor binding; protein homodimerization activity