



# Anti-VEGF polyclonal antibody [Biotin] (DPABY-386)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	View VEGF IHC images.
<b>Specificity</b>	Detects rat VEGF in ELISAs and Western blots. In sandwich immunoassays, greater than 70% cross-reactivity with recombinant mouse (rm) VEGF120 and rmVEGF164 is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant rat VEGF164 . Ala27-Arg190 Accession Number AAL07526
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Rat
<b>Purification</b>	Antigen Affinity-purified
<b>Conjugate</b>	Biotin
<b>Applications</b>	Western Blot, ELISA Detection (Matched Pair)
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
<b>Preservative</b>	None
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution.

6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

Gene Name	<a href="#">Vegfa vascular endothelial growth factor A [ Rattus norvegicus (Norway rat) ]</a>
Official Symbol	VEGFA
Synonyms	VEGFA; vascular endothelial growth factor A; VPF; Vegf; VEGF-A; VEGF164; vascular permeability factor;
Entrez Gene ID	<a href="#">83785</a>
Protein Refseq	<a href="#">NP_001103803</a>
UniProt ID	<a href="#">B5DEK7</a>
Chromosome Location	9q12
Pathway	Bladder cancer; Cellular response to hypoxia; Cellular responses to stress; Cytokine-cytokine receptor interaction; Endochondral Ossification; Focal adhesion; HIF-1 signaling pathway; Hemostasis;
Function	chemoattractant activity; cytokine activity; extracellular matrix binding; fibronectin binding; growth factor activity; heparin binding; identical protein binding; neuropilin binding; platelet-derived growth factor receptor binding; protein heterodimeriza