



# Anti-VEGFA polyclonal antibody (DPAB-DC1408)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	VEGFA (vascular endothelial growth factor A) is a protein-coding gene. Diseases associated with VEGFA include diabetic retinopathy, and poems syndrome, and among its related super-pathways are Development VEGF signaling via VEGFR2 - generic cascades and Translation Insulin regulation of translation. GO annotations related to this gene include protein homodimerization activity and identical protein binding. An important paralog of this gene is PGF.
<b>Immunogen</b>	Recombinant protein corresponding to 164 amino acids of bovine VEGFA.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Bovine
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Format</b>	Lyophilized
<b>Size</b>	100 µg
<b>Buffer</b>	Lyophilized from 20 mM KH <sub>2</sub> PO <sub>4</sub> , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
<b>Preservative</b>	0.01% Sodium Azide
<b>Storage</b>	Store at 4°C on dry atmosphere. After reconstitution with 0.1 mL of deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">VEGFA vascular endothelial growth factor A [ Bos taurus (cattle) ]</a>
Official Symbol	VEGFA
Synonyms	VEGFA; VPF; VEGF; VEGF-A; eVEGF120; eVEGF164; vascular endothelial growth factor A; vascular permeability factor; vascular endothelial growth factor 164;
Entrez Gene ID	<a href="#">281572</a>
Protein Refseq	<a href="#">NP_776641</a>
UniProt ID	<a href="#">G8Z9U1</a>
Chromosome Location	chromosome: 23
Pathway	Bladder cancer; Cytokine-cytokine receptor interaction; Endochondral Ossification; Focal adhesion
Function	cytokine activity; growth factor activity; heparin binding; protein homodimerization activity