



Anti-VEGFA polyclonal antibody (DPAB-DC1408)

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

PRODUCT INFORMATION

Antigen Description	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 superpathways 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.
Immunogen	Recombinant protein corresponding to 164 amino acids of bovine VEGFA.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Bovine
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Format	Lyophilized
Size	100 µg
Buffer	Lyophilized from 20 mM KH ₂ PO ₄ , 150 mM NaCl, pH 7.2 (0.01% sodium azide)
Preservative	0.01% Sodium Azide
Storage	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	VEGFA vascular endothelial growth factor A [Bos taurus (cattle)]
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	281572
Protein Refseq	NP_776641
UniProt ID	G8Z9U1
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