

Polyclonal Antibody to Vascular Endothelial Growth Factor A (VEGFA)

Vascular Endothelial Growth Factor A
Catalog # AP74719

Product Information

Application	WB
Primary Accession	P15691
Host	Rabbit
Clonality	Polyclonal
Calculated MW	22310

Additional Information

Gene ID	281572
Other Names	VEGF; VEGF-A; VPF; Vascular Endothelial Cell Growth Factor A; Vascular Permeability Factor
Target/Specificity	Bos taurus; Bovine (Cattle)
Dilution	WB~~Western blotting: 0.2-2 µg/mL;1:250-2500 Immunohistochemistry: 5-20 µg/mL;1:25-100 Immunocytochemistry: 5-20 µg/mL;1:25-100 Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

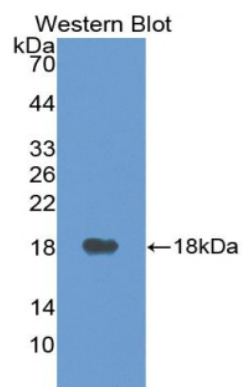
Protein Information

Name	VEGFA
Synonyms	VEGF
Function	Growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. Induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels. Binds to the FLT1/VEGFR1 and KDR/VEGFR2 receptors, heparan sulfate and heparin (By similarity). Binding to NRP1 receptor initiates a signaling pathway needed for motor neuron axon guidance and cell body migration, including for the caudal migration of facial motor neurons from rhombomere 4 to rhombomere 6 during embryonic development (By similarity). Also binds the DEAR/FBXW7-AS1 receptor (By similarity).

Cellular Location

Secreted. Note=Secreted but remains associated to cells or to the extracellular matrix unless released by heparin.

Images



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