

Product Name: VEGFA Rabbit Polyclonal Antibody
Catalog #: APRab03821



Summary

Production Name	VEGFA Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	VEGFA
Alternative Names	VEGFA; VEGF; Vascular endothelial growth factor A; VEGF-A; Vascular permeability factor; VPF
Gene ID	7422
SwissProt ID	P15692

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 ELISA: 1/10000
Molecular Weight	Calculated MW: 27 kDa; Observed MW: 17 kDa

Background

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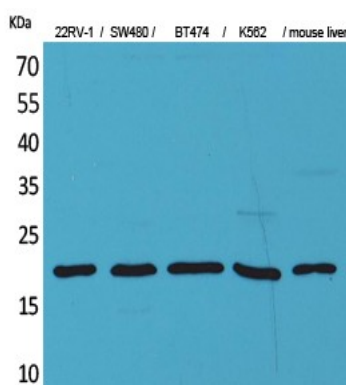


Growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. Induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels. Binds to the FLT1/VEGFR1 and KDR/VEGFR2 receptors, heparan sulfate and heparin.

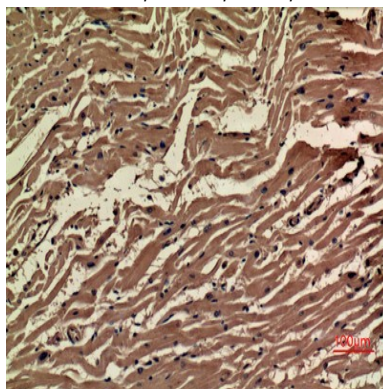
Research Area

Cardiovascular

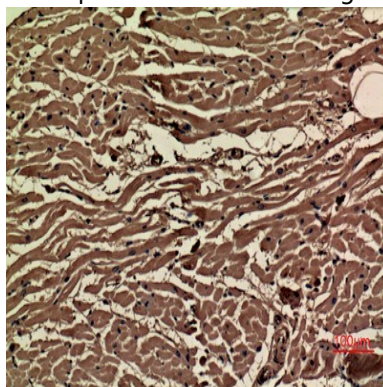
Image Data



Western blot analysis of VEGFA in 22RV SW480, BT474, K562, mouse liver lysates using VEGFA antibody.



Immunohistochemistry analysis of paraffin-embedded Human heart using VEGFA antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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Note

For research use only.