

产品名称: VEGF-B Rabbit Polyclonal Antibody
产品货号: APRab19772



产品概述 (Summary)

产品名称 (Production Name)	VEGF-B Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	VEGFB
别名 (Alternative Names)	VEGFB; VRF; Vascular endothelial growth factor B; VEGF-B; VEGF-related factor; VRF
基因 ID (Gene ID)	7423.0
蛋白 ID (SwissProt ID)	P49765.The antiserum was produced against synthesized peptide derived from human VEGFB. AA range:91-140

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:100-1:300,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	21kDa

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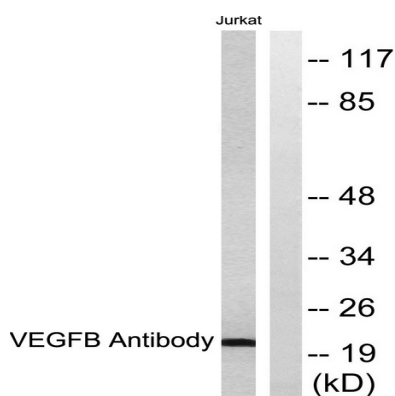
研究背景 (Background)

This gene encodes a member of the PDGF (platelet-derived growth factor)/VEGF (vascular endothelial growth factor) family. The VEGF family members regulate the formation of blood vessels and are involved in endothelial cell physiology. This member is a ligand for VEGFR-1 (vascular endothelial growth factor receptor 1) and NRP-1 (neuropilin-1). Studies in mice showed that this gene was co-expressed with nuclear-encoded mitochondrial genes and the encoded protein specifically controlled endothelial uptake of fatty acids. Alternatively spliced transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Sep 2011], alternative products: Additional isoforms seem to exist, function: Growth factor for endothelial cells. VEGF-B167 binds heparin and neuropilin-1 whereas the binding to neuropilin-1 of VEGF-B186 is regulated by proteolysis, PTM: VEGF-B186 is O-glycosylated, similarity: Belongs to the PDGF/VEGF growth factor family, subcellular location: Secreted but remains associated to cells or to the extracellular matrix unless released by heparin, subunit: Homodimer; disulfide-linked. Can also form heterodimer with VEGF, tissue specificity: Expressed in all tissues except liver. Highest levels found in heart, skeletal muscle and pancreas,

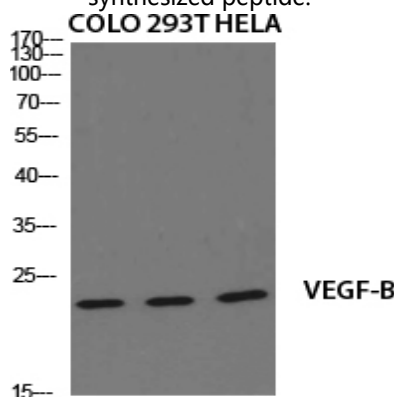
研究领域 (Research Area)

Cytokine-cytokine receptor interaction; mTOR; Focal adhesion; Pathways in cancer; Renal cell carcinoma; Pancreatic cancer; Bladder cancer;

图片 (Image Data)



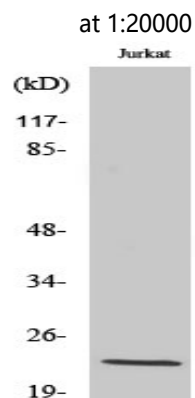
Western blot analysis of lysates from Jurkat cells, using VEGFB Antibody. The lane on the right is blocked with the synthesized peptide.



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Western Blot analysis of various cells using VEGF-B Polyclonal Antibody diluted at 1 : 2000. Secondary antibody was diluted



Western Blot analysis of Jurkat cells using VEGF-B Polyclonal Antibody diluted at 1 : 2000. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .