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Anti-VEGFB Antibody

Catalog # AP51608

Product Information

Application	WB, IHC
Primary Accession	P49765
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21602

Additional Information

Gene ID	7423
Other Names	VRF; Vascular endothelial growth factor B; VEGF-B; VEGF-related factor; VRF
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human VEGFB. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

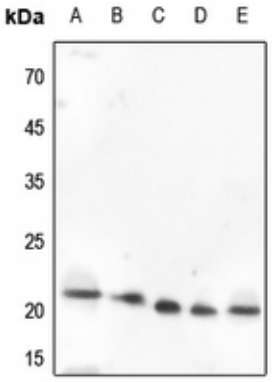
Protein Information

Name	VEGFB
Synonyms	VRF
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.
Cellular Location	Secreted. Note=Secreted but remains associated to cells or to the extracellular matrix unless released by heparin
Tissue Location	Expressed in all tissues except liver. Highest levels found in heart, skeletal muscle and pancreas

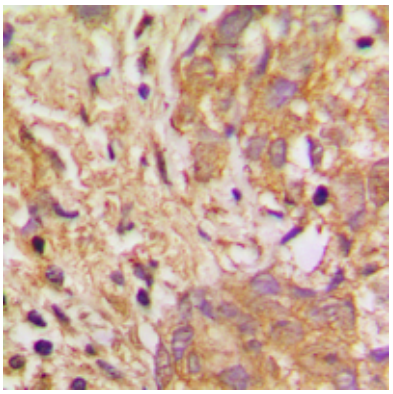
References

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Images



Western blot analysis of VEGFB expression in Hela (A), U2OS (B), mouse heart (C), mouse muscle (D), rat heart (E) whole cell lysates. (Predicted band size: 21 kD; Observed band size: 22 kD)



Immunohistochemical analysis of VEGFB staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.