

For Research Use Only

VEGFD Polyclonal antibody

Catalog Number: 26915-1-AP **2 Publications**



Basic Information

Catalog Number: 26915-1-AP	GenBank Accession Number: BC027948	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 900 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2277	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: c-fos induced growth factor (vascular endothelial growth factor D)	
Isotype: IgG	Calculated MW: 40 kDa	
Immunogen Catalog Number: AG25552	Observed MW: 40 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : mouse heart tissue, MCF-7 cells, rat heart tissue IHC : human heart tissue,
Cited Applications: IHC, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

VEGFD is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family and is active in angiogenesis, lymphangiogenesis, and endothelial cell growth. This secreted protein undergoes a complex proteolytic maturation, generating multiple processed forms which bind and activate VEGFR-2 and VEGFR-3 receptors. This protein is structurally and functionally similar to vascular endothelial growth factor C.

Notable Publications

Author	Pubmed ID	Journal	Application
Héloïse Hamelin	34491298	Cereb Cortex	IHC
Tao Pan	32388635	Gastric Cancer	WB, IHC

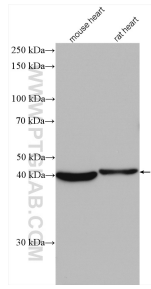
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

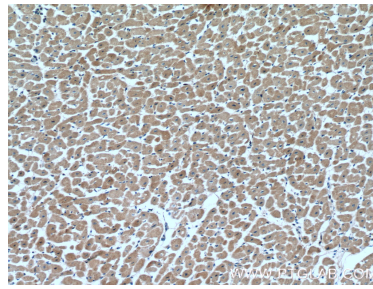
For technical support and original validation data for this product please contact:
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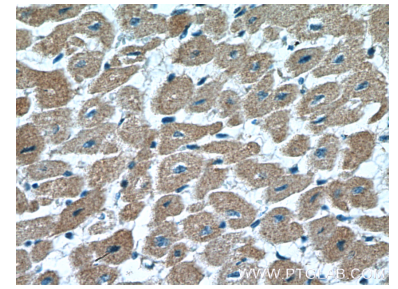
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26915-1-AP (VEGFD antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 26915-1-AP (VEGFD antibody at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 26915-1-AP (VEGFD antibody at dilution of 1:200 (under 40x lens).