

VEGFD Polyclonal antibody

Catalog Number: 26915-1-AP

8 Publications

Basic Information

Catalog Number:

26915-1-AP

Size:

900 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25552

GenBank Accession Number:

BC027948

GeneID (NCBI):

2277

UNIPROT ID:

O43915

Full Name:

c-fos induced growth factor (vascular endothelial growth factor D)

Calculated MW:

40 kDa

Observed MW:

40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:250-1:1000

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse heart tissue, MCF-7 cells, rat heart tissue

IHC : human lung cancer tissue, human heart tissue, human thyroid cancer tissue, human colon cancer tissue

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
Lin Tian	36056333	BMC Complement Med Ther	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

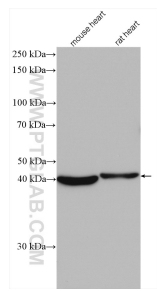
For technical support and original validation data for this product please contact:

T: 4006900926

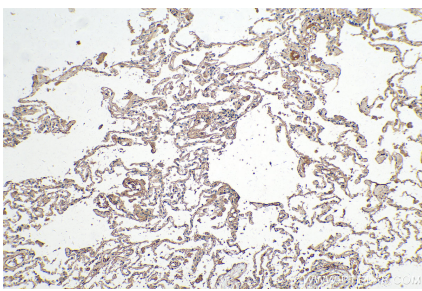
E: Proteintech-CN@ptglab.comW: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

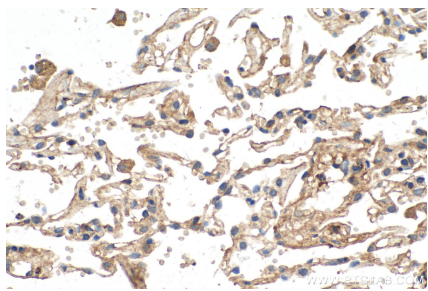
Selected Validation Data



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 lung cancer tissue slide using 26915-1-AP (VEGFD antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 26915-1-AP (VEGFD antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).