

Datasheet for ABIN358813
anti-VEGFD antibody (C-Term)



[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	VEGFD (Figf)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VEGFD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human VEGF4.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to VEGFD (VEGF4).
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

Target Details

Target:	VEGFD (Figf)
Alternative Name:	VEGFD (Figf Products)

Target Details

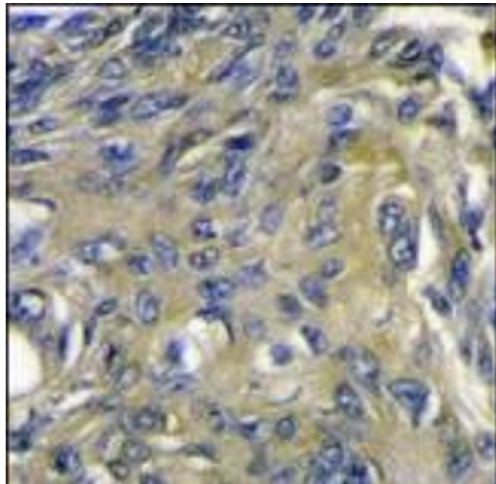
Background:	The protein encoded by this gene is a member of the platelet-derived growth factor/vascular endothelial growth factor (PDGF/VEGF) family and is active in angiogenesis, lymphangiogenesis, and endothelial cell growth. This secreted protein undergoes a complex proteolytic maturation, generating 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.Synonyms: FIGF, VEGF-D, Vascular endothelial growth factor D, c-Fos-induced growth factor
Gene ID:	2277, 9606
UniProt:	O43915
Pathways:	RTK Signaling

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/250 - 1/500. Immunohistochemistry: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

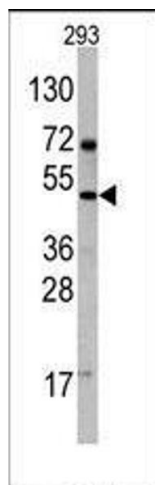
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human lung carcinoma reacted with VEGF4 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of anti-VEGF4 Antibody (C-term) Pab in 293 cell line lysates. VEGF4 Antibody (C-term)(arrow) was detected using the purified Pab.