Product datasheet

Anti-VEGFC Antibody

Catalog Number: *A00623-3*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com

Basic Information

Product Name	Anti-VEGFC Antibody
Gene Name	Vegfc
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	mouse, rat
Tested Application	WB, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	E. coli-derived mouse Vegfc recombinant protein (Position: A108-R223). Mouse Vegfc shares 98.3% and 100% amino acid (aa) sequence identity with human and rat Vegfc, respectively.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	20,35,40 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Enzyme linked immunosorbent assay (ELISA):1:100-1000

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

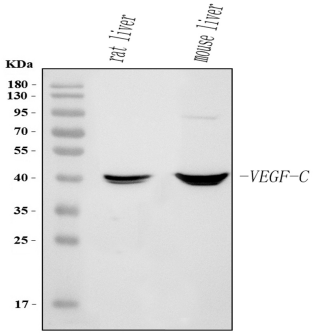
Vascular endothelial growth factor C (VEGF-C) is a protein that is a member of the platelet-derived growth factor / vascular endothelial growth factor (PDGF/VEGF) family. It is encoded in humans by the VEGFC gene, which is located on chromosome 4q34. Enables vascular endothelial growth factor receptor 3 binding activity. Involved in several processes, including negative regulation of osteoblast differentiation; positive regulation of angiogenesis; and positive regulation of mesenchymal stem cell proliferation. Acts upstream of or within several processes, including cellular response to leukemia inhibitory factor; positive regulation of lymphangiogenesis; and positive regulation of peptidyl-tyrosine phosphorylation. Located in extracellular space. Is expressed in several structures, including alimentary system mesentery; brain; cardiovascular system; embryo mesenchyme; and genitourinary system. Used to study hereditary lymphedema. Human ortholog(s) of this gene implicated in breast carcinoma and hereditary lymphedema ID. Orthologous to human VEGFC (vascular endothelial growth factor C).

Anti-VEGFC Antibody

Catalog Number: *A00623-3*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Building C21, 3rd to 5th Floors, Optics Valley Biopharmaceutical Accelerator,
East Lake High-Tech Development Zone, Wuhan.
Web: www.boster.com ***Phone:*** 027-67845390/1/2 ***Email:*** boster@boster.com

Selected Validation Data



Western blot analysis of anti-Vegfc antibody (A00623-3). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: rat liver tissue lysates,
Lane 2: mouse liver tissue lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-Vegfc antigen affinity purified polyclonal antibody (A00623-3) and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for Vegfc at approximately 46 kDa. The expected band size for Vegfc is at 46 kDa.