

VEGFB (R125) polyclonal antibody

Catalog: BCP01712

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

The onset of angiogenesis is believed to be an early event in tumorigenesis and may facilitate tumor progression and metastasis. Several growth factors with angiogenic activity have been described. These include fibroblast growth factor (FGF), platelet derived growth factor (PDGF) and vascular endothelial growth factor (VEGF). VEGF is a dimeric glycoprotein with structural homology to PDGF. Several variants of VEGF have been described that arise by alternative mRNA splicing. It has been speculated that VEGF may function as a tumor angiogenesis factor in vivo. Two additional proteins designated VEGF-B and VEGF-C share a significant degree of homology with VEGF. VEGF-B is abundantly expressed in heart and skeletal muscle and is frequently co-expressed with VEGF.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 22 kDa

Swiss-Prot:

P49765

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

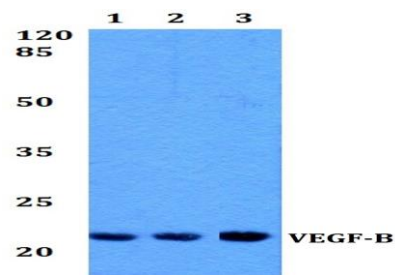
IHC: 1:50~1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

VEGFB (R125) polyclonal antibody detects endogenous levels of VEGFB protein.

DATA:

Western blot (WB) analysis of VEGFB (R125) polyclonal antibody at 1:500 dilution

Lane1:K562 whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:The Heart tissue lysate of Rat(40ug)

Lane4:The Heart tissue lysate of Mouse(40ug)

Note:

For research use only, not for use in diagnostic procedure.