

## VEGFA Rabbit pAb

Catalog Number: bs-0279R

Target Protein: VEGFA

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-1000)

Reactivity: Mouse, Rat

Predicted MW: 24 kDa

Entrez Gene: 7422

Swiss Prot: P15692

Source: KLH conjugated synthetic peptide derived from human VEGF: 27-120/232.

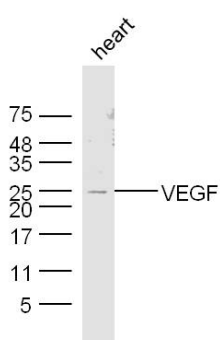
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

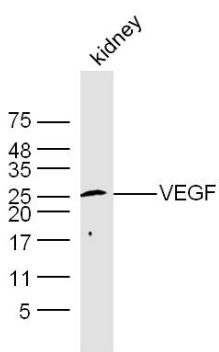
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Vascular endothelial growth factor (VEGF), originally known as vascular permeability factor (VPF), is a signal protein produced by cells that stimulates the formation of blood vessels. To be specific, VEGF is a sub-family of growth factors, the platelet-derived growth factor family of cystine-knot growth factors. They are important signaling proteins involved in both vasculogenesis (the de novo formation of the embryonic circulatory system) and angiogenesis (the growth of blood vessels from pre-existing vasculature).

### VALIDATION IMAGES



Sample: Heart(Mouse) Lysate at 30 ug Primary: Anti-VEGF (bs-0279R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 24 kD Observed band size: 25 kD



Sample: Kidney(Mouse) Lysate at 30 ug Primary: Anti-VEGF (bs-0279R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 24 kD Observed band size: 25 kD

## PRODUCT SPECIFIC PUBLICATIONS

- [IF=16.744] Xiaoyu Ma. et al. Multifunctional injectable hydrogel promotes functional recovery after stroke by modulating microglial polarization, angiogenesis and neuroplasticity. CHEM ENG J. 2023 May;464:142520 IF ; Mouse . 10.1016/j.cej.2023.142520
- [IF=10.383] Peiyang Gu. et al. Tailorable 3DP Flexible Scaffolds with Porosification of Filaments Facilitate Cell Ingrowth and Biomineralized Deposition. ACS APPL MATER INTER. 2022;XXXX(XXX):XXX-XXX WB ; Mouse . 35829709
- [IF=7.786] Shiou-Ling Lu. et al. VEGF-Mediated Augmentation of Autophagic and Lysosomal Activity in Endothelial Cells Defends against Intracellular Streptococcus pyogenes | mBio. MBIO. 2022 Jul;: WB ; Escherichia coli . 35862783
- [IF=7.7] Jiajun Hu. et al. Arginine-loaded globular BSAMA/fibrous GelMA biohybrid cryogels with multifunctional features and enhanced healing for soft gingival tissue regeneration. INT J BIOL MACROMOL. 2024 Aug;:134932 WB ; Human . 39179087
- [IF=6.6] Ling Tang. et al. Construction of ROS-Responsive Hyaluronic Acid Modified Paclitaxel and Diosgenin Liposomes and Study on Synergistic Enhancement of Anti-Ovarian Cancer Efficacy. INT J NANOMED. 2024 六月 04 IHC ; Mouse . 38859958