

bs-0279R**[Primary Antibody]****BioSS**
ANTIBODIES

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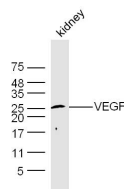
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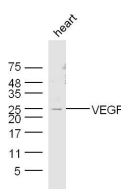
400-901-9800

VEGFA Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-1000)
Clonality: Polyclonal		
GeneID: 7422	SWISS: P15692	
Target: VEGFA		
Immunogen: KLH conjugated synthetic peptide derived from human VEGF: 27-120/232.		
Purification: affinity purified by Protein A		Reactivity: Mouse, Rat
Concentration: 1mg/ml		
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.		Predicted MW.: 24 kDa
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).		Subcellular Location: Secreted

VALIDATION IMAGES

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



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

SELECTED CITATIONS

- **[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=6.8]** Xiaoxin Xu. et al. Hepatitis B Virus Promotes Angiogenesis in Hepatocellular Carcinoma by Increasing m6A

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

