

**bs-1313R****[ Primary Antibody ]**

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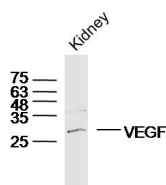
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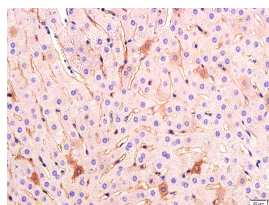
400-901-9800

**VEGFA Rabbit pAb****— DATASHEET —**

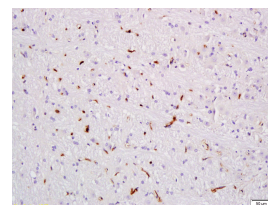
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse, Rat, Rabbit (predicted: Pig, Cow, Chicken, Dog)  <b>Predicted MW.:</b> 23 kDa  <b>Subcellular Location:</b> Secreted
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 7422	<b>SWISS:</b> P15692	
<b>Target:</b> VEGFA		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human VEGF: 102-213/213.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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 —**

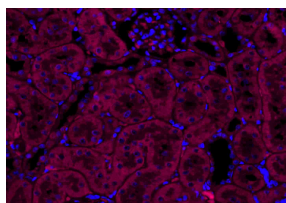
Sample: Kidney(Mouse) Lysate at 30 ug Primary:  
Anti-VEGF (bs-1313R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 23 kD  
Observed band size: 27 kD



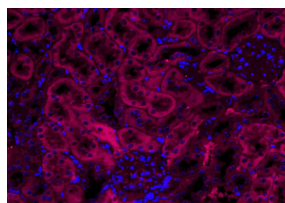
Tissue/cell: rabbit liver tissue; 4%  
Paraformaldehyde-fixed and paraffin-  
embedded; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block  
endogenous peroxidase by 3% Hydrogen  
peroxide for 30min; Blocking buffer (normal goat  
serum, C-0005) at 37°C for 20 min; Incubation:  
Anti-VEGF Polyclonal Antibody,  
Unconjugated(bs-1313R) 1:400, overnight at  
4°C, followed by conjugation to the secondary  
antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat brain tissue; 4%  
Paraformaldehyde-fixed and paraffin-  
embedded; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block  
endogenous peroxidase by 3% Hydrogen  
peroxide for 30min; Blocking buffer (normal goat  
serum, C-0005) at 37°C for 20 min; Incubation:  
Anti-VEGF Polyclonal Antibody,  
Unconjugated(bs-1313R) 1:300, overnight at  
4°C, followed by conjugation to the secondary  
antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (rat  
kidney); Antigen retrieval by boiling in sodium  
citrate buffer (pH6.0) for 15min; Blocking buffer  
(normal goat serum) at 37°C for 30min;  
Incubation with (VEGFA) Polyclonal Antibody,  
Unconjugated (bs-1313R) at 1:200 overnight at



Paraformaldehyde-fixed, paraffin embedded  
(mouse kidney); Antigen retrieval by boiling in  
sodium citrate buffer (pH6.0) for 15min; Blocking  
buffer (normal goat serum) at 37°C for 30min;  
Incubation with (VEGFA) Polyclonal Antibody,  
Unconjugated (bs-1313R) at 1:200 overnight at

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

4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (bs-0295G-AF594) for 90 minutes, and DAPI for nuclei staining.

4°C, followed by a conjugated Goat Anti-Rabbit IgG antibody (bs-0295G-AF594) for 90 minutes, and DAPI for nuclei staining.

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## — SELECTED CITATIONS —

- **[IF=19]** Yaning Qu. et al. Microenvironment-Regulated Dual-Layer Microneedle Patch for Promoting Periodontal Soft and Hard Tissue Regeneration in Diabetic Periodontitis. ADV FUNCT MATER. 2025 Jan;;2418076 IHC ;Rat. 10.1002/adfm.202418076
- **[IF=17.521]** Huan Lei. et al. A Combination Therapy Using Electrical Stimulation and Adaptive, Conductive Hydrogels Loaded with Self-Assembled Nanogels Incorporating Short Interfering RNA Promotes the Repair of Diabetic Chronic Wounds. Advanced Science. 2022 Sep;;2201425 IF ;Rat. 36064844
- **[IF=18.027]** Guanghao Wu. et al. Enhanced Proliferation of Visualizable Mesenchymal Stem Cell–Platelet Hybrid Cell for Versatile Intracerebral Hemorrhage Treatment. ACS NANO. 2023;XXXX(XXX):XXX-XXX IF ;Mouse. 37037487
- **[IF=16.744]** Lubin Zhou. et al. A self-pumping dressing with in situ modification of non-woven fabric for promoting diabetic wound healing. CHEM ENG J. 2022 Dec;;141108 IHC ;Rat. 10.1016/j.cej.2022.141108
- **[IF=14.919]** Lu, Gonggong. et al. An instantly fixable and self-adaptive scaffold for skull regeneration by autologous stem cell recruitment and angiogenesis. NAT COMMUN. 2022 May;13(1):1-20 IF ;Rabbit. 35523800