

bs-0434R**[Primary Antibody]****factor VIII Rabbit pAb****BioSS**
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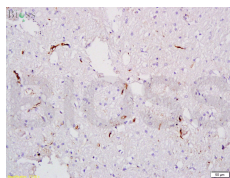
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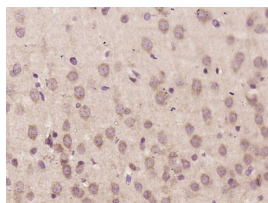
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal Target: factor VIII Immunogen: KLH conjugated synthetic peptide derived from rat factor VIII: 401-500/2258. Purification: affinity purified by Protein A 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. Background: This gene encodes coagulation factor VIII, which participates in the intrinsic pathway of blood coagulation; factor VIII is a cofactor for factor IXa which, in the presence of Ca ²⁺ and phospholipids, converts factor X to the activated form Xa. This gene produces two alternatively spliced transcripts. Transcript variant 1 encodes a large glycoprotein, isoform a, which circulates in plasma and associates with von Willebrand factor in a noncovalent complex. This protein undergoes multiple cleavage events. Transcript variant 2 encodes a putative small protein, isoform b, which consists primarily of the phospholipid binding domain of factor VIIIc. This binding domain is essential for coagulant activity. Defects in this gene results in hemophilia A, a common recessive X-linked coagulation disorder. [provided by RefSeq, Jul 2008].	Isotype: IgG Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat (predicted: Rabbit, Dog) Predicted MW.: 267 kDa Subcellular Location: Secreted ,Extracellular matrix
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— VALIDATION IMAGES —

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-Factor VIII Polyclonal Antibody, Unconjugated (bs-0434R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (factor VIII) Polyclonal Antibody, Unconjugated (bs-0434R) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=5.59]** Liu, Chengli. et al. GLP-1R Agonist Exendin-4 Protects Against Hemorrhagic Transformation Induced by rtPA After Ischemic Stroke via the Wnt/ β -Catenin Signaling Pathway. Mol Neurobiol. 2022 Mar;;1-16 IF ;Rat. 35359227
- **[IF=4.967]** Weijie Jiao. et al. Construction and Evaluation of Small-Diameter Bioartificial Arteries Based on a Combined-Mold Technology. POLYMERS-BASEL. 2022 Jan;14(15):3089 IF ;Rat. 35956602

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

- **[IF=4.9]** Heng Zhou. et al. Resveratrol improves gasdermin D-mediated pyroptosis of vascular endothelial cells induced by a high-fat diet and palmitic acid possibly via the SIRT1-p66Shc-NLRP3 pathway. J NUTR BIOCHEM. 2025 Mar;;109890 FC ;Human. 40054674
- **[IF=3.935]** Dongmei He. et al. Cell membrane-coated biomimetic magnetic nanoparticles for the bio-specific extraction of components from Gualou Guizhi decoction exhibiting activities against oxygen-glucose deprivation/reperfusion injury. J Pharmaceut Biomed. 2022 Feb;209:114528 ICC ;Rat. 34915324
- **[IF=1.56]** Yu, Jun-Min, et al. "Astragalosides promote angiogenesis via vascular endothelial growth factor and basic fibroblast growth factor in a rat model of myocardial infarction." Molecular Medicine Reports 12.5 (2015): 6718-6726. IHC ;="Rat". 26352430