

Datasheet for ABIN668601
anti-Factor VIII antibody (AA 401-500)[Go to Product page](#)

1 Image

7 Publications

Overview

Quantity:	100 µL
Target:	Factor VIII (F8)
Binding Specificity:	AA 401-500
Reactivity:	Human, Mouse, Rat, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Factor VIII antibody is un-conjugated
Application:	ELISA, Immunocytochemistry (ICC), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from rat factor VIII
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rabbit, Rat
Predicted Reactivity:	Dog
Purification:	Purified by Protein A.

Target Details

Target:	Factor VIII (F8)
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Target Details

Alternative Name:	Factor 8 (F8 Products)
Background:	<p>Synonyms: coagulation factor VIII, Ahf, Antihemophilic factor, Coagulation factor VIII, Coagulation factor VIII procoagulent component, Coagulation factor VIIIc, Dna segment on chromosome x unique 1253 expressed sequence, Dxs1253e, F8, F8 protein,F8c, FactorVIII, FVIII, Hema coagulation factor VIIIc procoagulent component, Hemophilia a, Hemophilia classic,</p> <p>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].</p>
Molecular Weight:	267kDa
Gene ID:	302470
UniProt:	Q7TN96

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

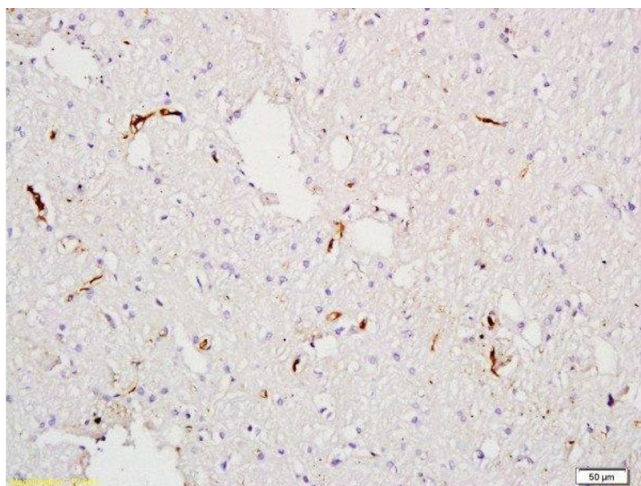
Format:	Liquid
Concentration:	1 µg/µL

Handling

Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	<p>Hu, Wang, Leng, Hu, Shen, Song: "Heparanase mediates vascular endothelial growth factor gene transcription in high-glucose human retinal microvascular endothelial cells." in: Molecular vision, Vol. 23, pp. 579-587, (2018) (PubMed).</p> <p>Li, Zhang, Cao, Li, Ye, Shi, Wang, Sun, Wang, Jia, Wang: "Tanshinone IIA and Astragaloside IV promote the angiogenesis of mesenchymal stem cell-derived endothelial cell-like cells via upregulation of Cx37, Cx40 and Cx43." in: Experimental and therapeutic medicine, Vol. 15, Issue 2, pp. 1847-1854, (2018) (PubMed).</p> <p>Song, Li, Yu: "Effects of preserving different veins on flow-through flap survival: An experimental study." in: Experimental and therapeutic medicine, Vol. 11, Issue 1, pp. 318-324, (2016) (PubMed).</p> <p>Lei, Peng, Samuel, Zhang, Wu, Wang, Li, Liu: "A simple and biosafe method for isolation of human umbilical vein endothelial cells." in: Analytical biochemistry, Vol. 508, pp. 15-8, (2016) (PubMed).</p> <p>Yu, Zhang, Jiang, Wang, Zhang: "Astragalosides promote angiogenesis via vascular endothelial growth factor and basic fibroblast growth factor in a rat model of myocardial infarction." in: Molecular medicine reports, Vol. 12, Issue 5, pp. 6718-26, (2015) (PubMed).</p> <p>There are more publications referencing this product on: Product page</p>
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded rat tibia tissue labeled with Anti-Factor VIII (FVIII) Polyclonal Antibody , Unconjugated at 1:300, followed by conjugation to the secondary antibody and DAB staining