Factor VIII   polyclonal antibody

Catalog:	BZ16436	Host:	Rabbit	Reactivity:	Human,Mouse

BackGround:

F8: coagulation factor VIII, procoagulant component. 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.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

Calculated MW: 267 kDa; Observed MW: 300 kDa

Swiss-Prot:

P00451

Purification&Purity:

Affinity Purified

Applications:

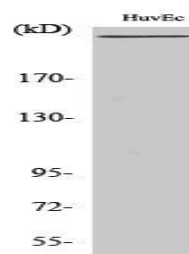WB: 1/500-1/1000   IHC: 1/50-1/100   ELISA: 1/10000

Storage&Stability:

Store at 4 ℃ short term. Aliquot and store at -20 ℃ long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of Factor VIII in HuvEc lysates using Factor VIII antibody.

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Note:

For research use only, not for use in diagnostic procedure.