



Factor VIII Polyclonal Antibody

Cat #: ABP51315

Size: 30µl /100µl /200µl

Product Information

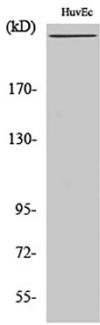
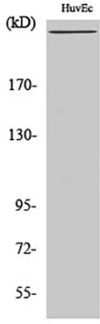
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| | Product Name: Factor VIII Polyclonal Antibody | | |
| | Applications: WB, IHC-P, ELISA | | Isotype: Rabbit IgG |
| | Reactivity: Human, Mouse | | |
| REF | Catalog Number: ABP51315 | LOT | Lot Number: Refer to product label |
| | Formulation: Liquid | | Concentration: 1 mg/ml |
|  | Storage: Store at -20°C. Avoid repeated freeze / thaw cycles. |  | Note: Contain sodium azide. |

Background: F8 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 Ca²⁺ and phospholipids, converts factor X to the activated form Xa. F8 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 F8 results in hemophilia A, a common recessive X-linked coagulation disorder.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:10000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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|  <p>(kD)</p> <p>170-</p> <p>130-</p> <p>95-</p> <p>72-</p> <p>55-</p> <p>HuvEc</p> | <p>Fig.1. Western Blot analysis of various cells using Factor VIII Polyclonal Antibody.</p> |
|  <p>(kD)</p> <p>170-</p> <p>130-</p> <p>95-</p> <p>72-</p> <p>55-</p> <p>HuvEc</p> | <p>Fig.2. Western Blot analysis of HuvEc cells using Factor VIII Polyclonal Antibody.</p> |

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.