BT LAB
Bioassay Technology Laboratory
Optimize Your Research

Factor VIII Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03124
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Factor VIII. AA range:2161-2210
Mol wt	267009
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Factor VIII Antibody
Synonyms	F8; F8C; Coagulation factor VIII; Antihemophilic factor; AHF; Procoagulant component

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 Ca+2 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. DefectsF8 results in hemophilia A, a common recessive X-linked coagulation disorder.

Recommended Dilution

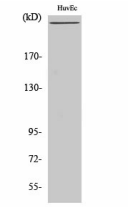
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

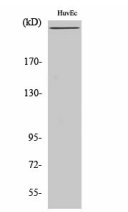
ELISA: 1: 10000

Not yet tested in other applications.

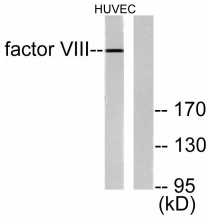
Images



Western Blot analysis of various cells using Factor VIII Polyclonal Antibody



Western Blot analysis of HuvEc cells using Factor VIII Polyclonal Antibody



Western blot analysis of lysates from HUVEC cells, using Factor VIII Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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