BT LAB
Bioassay Technology Laboratory
Optimize Your Research

FA9 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02612
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human FA9 (heavy chain| Cleaved-Val227)
Mol wt	50710
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	FA9
Synonyms	FA9 ;heavy chain; Cleaved-Val227; Coagulation factor IX; EC 3.4.21.22; Christmas factor; Plasma thromboplastin component; PTC; Coagulation factor IXa light chain; Coagulation factor IXa heavy chain;

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

Background

This gene encodes vitamin K-dependent coagulation factor IX that circulates in the blood as an inactive zymogen. This factor is converted to an active form by factor XIa| which excises the activation peptide and thus generates a heavy chain and a light chain held together by one or more disulfide bonds. The role of this activated factor IX in the blood coagulation cascade is to activate factor X to its active form through interactions with Ca+2 ions| membrane phospholipids| and factor VIII. Alterations of this gene| including point mutations| insertions and deletions| cause factor IX deficiency| which is a recessive X-linked disorder| also called hemophilia B or Christmas disease. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing.

Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com