

FA9 Rabbit Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP09976

Host Rabbit

Isotype IgG

Size 100ul, 50ul, 20ul

Immunogen Synthesized peptide derived from human FA9 (light chain | Cleaved-Arg191)

Mol wt 50710

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, ELISA

Concentration 1 mg/ml

Full name FA9

Synonyms FA9 ;light chain; Cleaved-Arg191; 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