

# Biotin Anti-Factor IX/PTC antibody ab79931

## 概述

产品名称	生物素Anti-Factor IX/PTC抗体
描述	生物素兔多克隆抗体to Factor IX/PTC
宿主	Rabbit
偶联物	Biotin
经测试应用	适用于: RIA, WB
种属反应性	与反应: Human
免疫原	Full length native protein (purified) corresponding to Human Factor IX/PTC.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

## 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol, 0.25% BSA</p>
纯度	Protein G purified
克隆	多克隆
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab79931于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
RIA		
WB		

#### 应用说明

RIA: Use at a concentration of 5 µg/ml.  
 EIA: Use at a concentration of 5 µg/ml.  
 WB: Use at an assay dependent dilution. Predicted molecular weight: 52 kDa.

Not yet tested in other applications.  
 Optimal dilutions/concentrations should be determined by the end user.

#### 靶标

#### 功能

Factor IX is a vitamin K-dependent plasma protein that participates in the intrinsic pathway of blood coagulation by converting factor X to its active form in the presence of Ca(2+) ions, phospholipids, and factor VIIIa.

#### 组织特异性

Synthesized primarily in the liver and secreted in plasma.

#### 疾病相关

Defects in F9 are the cause of recessive X-linked hemophilia B (HEMB) [MIM:306900]; also known as Christmas disease.  
 Note=Mutations in position 43 (Oxford-3, San Dimas) and 46 (Cambridge) prevents cleavage of the propeptide, mutation in position 93 (Alabama) probably fails to bind to cell membranes, mutation in position 191 (Chapel-Hill) or in position 226 (Nagoya OR Hilo) prevent cleavage of the activation peptide.  
 Defects in F9 are the cause of thrombophilia due to factor IX defect (THR-FIX) [MIM:300807]. A hemostatic disorder characterized by a tendency to thrombosis.

#### 序列相似性

Belongs to the peptidase S1 family.  
 Contains 2 EGF-like domains.  
 Contains 1 Gla (gamma-carboxy-glutamate) domain.  
 Contains 1 peptidase S1 domain.

#### 结构域

Calcium binds to the gamma-carboxyglutamic acid (Gla) residues and, with stronger affinity, to another site, beyond the Gla domain.

#### 翻译后修饰

Activated by factor XIa, which excises the activation peptide.  
 The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and asparagine is (R) stereospecific within EGF domains.

#### 细胞定位

Secreted.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

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