

# Biotin Anti-Antithrombin III/ATIII antibody ab79933

## 1 References

### 概述

|       |   |
|-------|---|
| 产品名称  | 生物素Anti-Antithrombin III/ATIII抗体  |
| 描述    | 生物素兔多克隆抗体to Antithrombin III/ATIII  |
| 宿主    | Rabbit  |
| 偶联物   | Biotin  |
| 经测试应用 | 适用于: ELISA, RIA, WB   |
| 种属反应性 | 与反应: Mouse  |
| 免疫原   | Full length native protein (purified) corresponding to Mouse Antithrombin III/ATIII.  |
| 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ab79933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 |
|-------|------|----|
| ELISA |      |    |
| RIA   |      |    |
| WB    |      |    |

#### 应用说明

EIA: Use at a concentration of 4 µg/ml.  
RIA: Use at a concentration of 4 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

Most important serine protease inhibitor in plasma that regulates the blood coagulation cascade. AT-III inhibits thrombin as well as factors IXa, Xa and XIa. Its inhibitory activity is greatly enhanced in the presence of heparin.

##### 组织特异性

Found in plasma.

##### 疾病相关

Defects in SERPINC1 are the cause of antithrombin III deficiency (AT3D) [MIM:613118]. AT3D is an important risk factor for hereditary thrombophilia, a hemostatic disorder characterized by a tendency to recurrent thrombosis. AT3D is classified into 4 types. Type I: characterized by a 50% decrease in antigenic and functional levels. Type II: has defects affecting the thrombin-binding domain. Type III: alteration of the heparin-binding domain. Plasma AT-III antigen levels are normal in type II and III. Type IV: consists of miscellaneous group of unclassifiable mutations.

##### 序列相似性

Belongs to the serpin family.

##### 翻译后修饰

Phosphorylation sites are present in the extracellular medium.

##### 细胞定位

Secreted > extracellular space.

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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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.

## Terms and conditions

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