

# Biotin Anti-Antithrombin III/ATIII antibody ab79933

## 1 References

### 製品の概要

製品名	Biotin Anti-Antithrombin III/ATIII antibody
製品の詳細	Biotin Rabbit polyclonal to Antithrombin III/ATIII
由来種	Rabbit
標識	Biotin
アプリケーション	<b>適用あり:</b> ELISA, RIA, WB
種交差性	<b>交差種:</b> Mouse
免疫原	Full length native protein (purified) corresponding to Mouse Antithrombin III/ATIII.
特記事項	<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>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol, 0.25% BSA</p>
精製度	Protein G purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

### アプリケーション

The Abpromise guarantee

**Abpromise保証は、次のテスト済みアプリケーションにおけるab79933の使用に適用されます**

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
ELISA		
RIA		
WB		

#### 追加情報

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.

#### ターゲット情報

##### 機能

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.

##### 組織特異性

Found in plasma.

##### 関連疾患

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.

##### 配列類似性

Belongs to the serpin family.

##### 翻訳後修飾

Phosphorylation sites are present in the extracellular medium.

##### 細胞内局在

Secreted > extracellular space.

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

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