

Native rat Antithrombin III/ATIII protein ab93317

1 图像

描述

产品名称	Native大鼠Antithrombin III/ATIII蛋白
生物活性	ab93317 is 98% active by Thrombin titration.
纯度	> 95 % SDS-PAGE. ab93317 is purified using several chromatographic steps and is > 98% pure by SDS-PAGE.
表达系统	Native
蛋白长度	Full length protein
无动物成分	No
性质	Native
种属	Rat

技术指标

Our **Abpromise guarantee** covers the use of **ab93317** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
形式	Liquid
补充说明	Solubility: > 5 mg/mL Spectrophotometric Data: Ultraviolet: Absorbance (280nm) = 0.52 epsilon ^{0.1%} = 0.65 Concentration = 0.8 mg/mL Previously labelled as Antithrombin III.

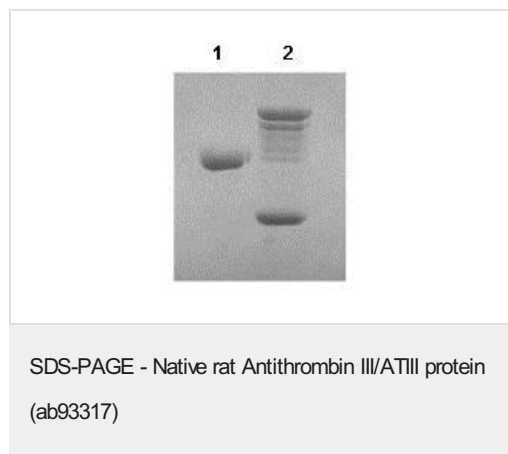
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.40 Constituents: 0.82% Sodium phosphate, 0.0292% EDTA, 0.58% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
--------	--

常规信息

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.

图片



SDS-PAGE showing ab93317 at 58 kDa.

Lane 1: Antithrombin III/ATIII protein

Lane 2: Antithrombin III/ATIII protein + 3X Molar excess Thrombin

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

Our Abpromise to you: Quality guaranteed and expert technical support

- 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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors