

Native rat Antithrombin III/ATIII protein ab93317

画像数 1

製品の詳細

製品名	Native rat Antithrombin III/ATIII protein
生理活性	ab93317 is 98% active by Thrombin titration.
精製度	> 95 % SDS-PAGE. ab93317 is purified using several chromatographic steps and is > 98% pure by SDS-PAGE.
発現系	Native
タンパク質長	Full length protein
Animal free	No
由来	Native
生物種	Rat

特性

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.

アプリケーション	SDS-PAGE
製品の状態	Liquid
備考	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.

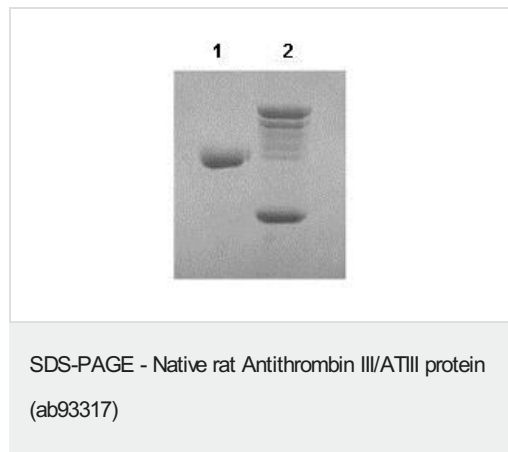
前処理および保存

保存方法および安定性	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.
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関連情報

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.

画像



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"

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