

Native Mouse Antithrombin III/ATIII protein ab93233

製品の詳細

製品名	Native Mouse Antithrombin III/ATIII protein
精製度	> 95 % SDS-PAGE. Prepared from fresh Mouse plasma using several chromatographic steps.
発現系	Native
タンパク質長	Full length protein
Animal free	No
由来	Native
生物種	Mouse

特性

Our **Abpromise guarantee** covers the use of **ab93233** 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	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
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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.

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

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