

### Anti-Antithrombin III/ATIII antibody [EPR5371] ab124808

リコンビナント **RabMAb**

画像数 2

#### 製品の概要

製品名	Anti-Antithrombin III/ATIII antibody [EPR5371]
製品の詳細	Rabbit monoclonal [EPR5371] to Antithrombin III/ATIII
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB <b>適用なし:</b> IHC-P or IP
種交差性	<b>交差種:</b> Human <b>非交差種:</b> Mouse, Rat
免疫原	Synthetic peptide within Human Antithrombin III/ATIII aa 1-100. The exact sequence is proprietary.
ポジティブ・コントロール	Human plasma, ovary cancer and Human testis lysates
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.05% BSA, 49% PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR5371
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ab124808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検討ください。

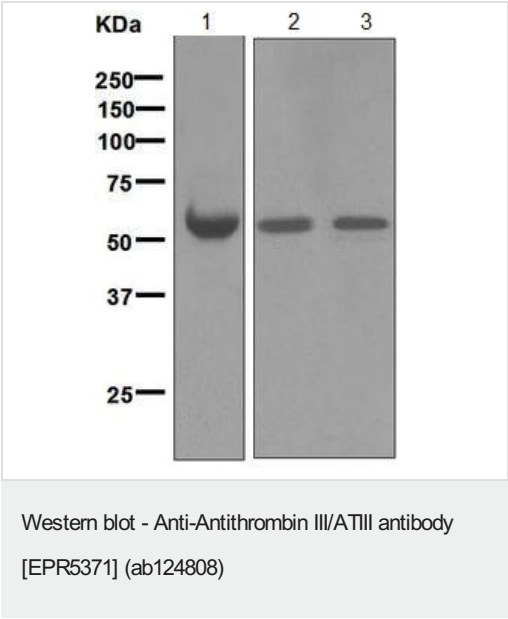
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 55 kDa (predicted molecular weight: 52 kDa).

追加情報      Is unsuitable for IHC-P or IP.

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.

画像



**All lanes :** Anti-Antithrombin III/ATIII antibody [EPR5371] (ab124808) at 1/1000 dilution

**Lane 1 :** Human plasma lysate  
**Lane 2 :** Human ovary cancer lysate  
**Lane 3 :** Human testis lysate

Lysates/proteins at 10 µg per lane.

**Secondary**  
**All lanes :** HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 52 kDa  
**Observed band size:** 55 kDa

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-Antithrombin III/ATIII antibody [EPR5371]  
(ab124808)

**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

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- 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.co.jp/abpromise> or contact our technical team.

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