

# Anti-SERPING1 antibody ab229209

**2 References**   **4 图像**

### 概述

产品名称	Anti-SERPING1抗体
描述	兔多克隆抗体to SERPING1
宿主	Rabbit
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Mouse, Rat, Human
免疫原	Recombinant fragment within Human SERPING1 (internal sequence). The exact sequence is proprietary. Database link: <a href="#">P05155</a>
阳性对照	WB: Human, mouse and rat plasma. IHC-P: Human hepatoma tissue.
常规说明	<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>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

## The Abpromise guarantee

**Abpromise™** 承诺保证使用ab229209于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/100 - 1/1000.
WB		1/500 - 1/10000. Predicted molecular weight: 55 kDa.

## 靶标

### 功能

Activation of the C1 complex is under control of the C1-inhibitor. It forms a proteolytically inactive stoichiometric complex with the C1r or C1s proteases. May play a potentially crucial role in regulating important physiological pathways including complement activation, blood coagulation, fibrinolysis and the generation of kinins. Very efficient inhibitor of FXIIa. Inhibits chymotrypsin and kallikrein.

### 疾病相关

Defects in SERPING1 are the cause of hereditary angioedema (HAE) [MM:106100]; also called hereditary angioneurotic edema (HANE). HAE is an autosomal dominant disorder characterized by episodic local subcutaneous edema and submucosal edema involving the upper respiratory and gastrointestinal tracts. HAE due to C1 esterase inhibitor deficiency is comprised of two clinically indistinguishable forms. In HAE type 1, representing 85% of patients, serum levels of C1 esterase inhibitor are less than 35% of normal. In HAE type 2, the levels are normal or elevated, but the protein is non-functional.

### 序列相似性

Belongs to the serpin family.

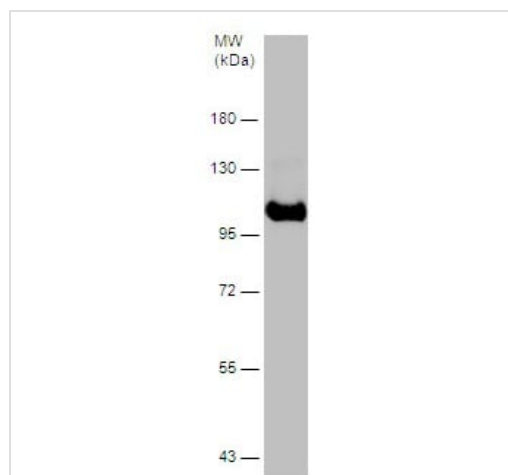
### 翻译后修饰

Highly glycosylated (49%) with N- and O-glycosylation.  
Can be proteolytically cleaved by E.coli stcE.

### 细胞定位

Secreted.

## 图片

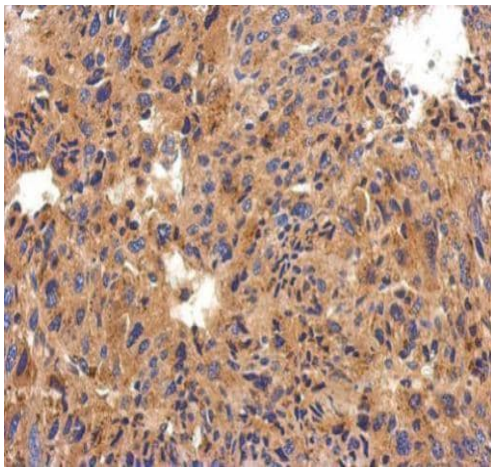


Anti-SERPING1 antibody (ab229209) at 1/5000 dilution + Human plasma at 30 µg

**Predicted band size: 55 kDa**

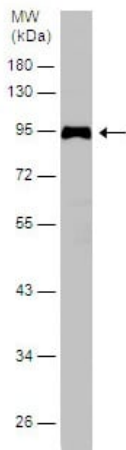
7.5% SDS-PAGE gel.

Western blot - Anti-SERPING1 antibody (ab229209)



Paraffin-embedded human hepatoma tissue stained for SERPING1 using ab229209 at 1/500 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SERPING1 antibody (ab229209)

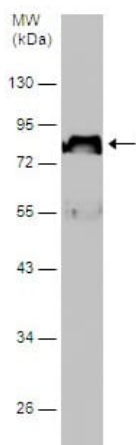


Anti-SERPING1 antibody (ab229209) at 1/1000 dilution + Mouse plasma at 50 µg

**Predicted band size:** 55 kDa

10% SDS-PAGE gel.

Western blot - Anti-SERPING1 antibody (ab229209)



Anti-SERPING1 antibody (ab229209) at 1/1000 dilution + Rat plasma at 50 µg

**Predicted band size:** 55 kDa

10% SDS-PAGE gel.

Western blot - Anti-SERPING1 antibody (ab229209)

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

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