

Anti-Matriptase 2 antibody - Catalytic domain ab56182

★★★★★ [1 Abreviews](#) [3 References](#) [1 图像](#)

概述	
产品名称	Anti-Matriptase 2抗体- Catalytic domain
描述	兔多克隆抗体to Matriptase 2 - Catalytic domain
宿主	Rabbit
特异性	ab56182 reacts with human Matripase 2 (TMPRSS6), and does not react with the other TMPRSSs. ab56182 recognizes all but the 2 truncated forms of human Matripase 2.
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide based on the catalytic domain of Matriptase 2 (Human)
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&As</p>

性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 50% Glycerol, 2.9% Sodium chloride, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用	
The Abpromise guarantee	<u>Abpromise™</u> 承诺保证使用ab56182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
WB		

应用说明

WB: 1/1000 when using colorimetric substrates such as BCIP/NBT, and 1/5000 for chemiluminescent substrates. Predicted molecular weight: 89 kDa.

Note: Glycosylation and other posttranslational modifications make matriptase 2 run at higher than expected mass on reduced SDS PAGE gels.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

靶标

功能

Serine protease which hydrolyzes a range of proteins including type I collagen, fibronectin and fibrinogen. Can also activate urokinase-type plasminogen activator with low efficiency. May play a specialized role in matrix remodeling processes in liver. Required to sense iron deficiency. Overexpression suppresses activation of the HAMP promoter.

组织特异性

Liver specific.

疾病相关

Defects in TMPRSS6 are the cause of iron-refractory iron deficiency anemia (IRIDA) [MIM:206200]; also known as hypochromic microcytic anemia with defect in iron metabolism or hereditary iron-handling disorder or pseudo-iron-deficiency anemia. Key features include congenital hypochromic microcytic anemia, very low mean corpuscular erythrocyte volume, low transferrin saturation, abnormal iron absorption characterized by no hematologic improvement following treatment with oral iron, and abnormal iron utilization characterized by a sluggish, incomplete response to parenteral iron.

序列相似性

Belongs to the peptidase S1 family.
Contains 2 CUB domains.
Contains 3 LDL-receptor class A domains.
Contains 1 peptidase S1 domain.

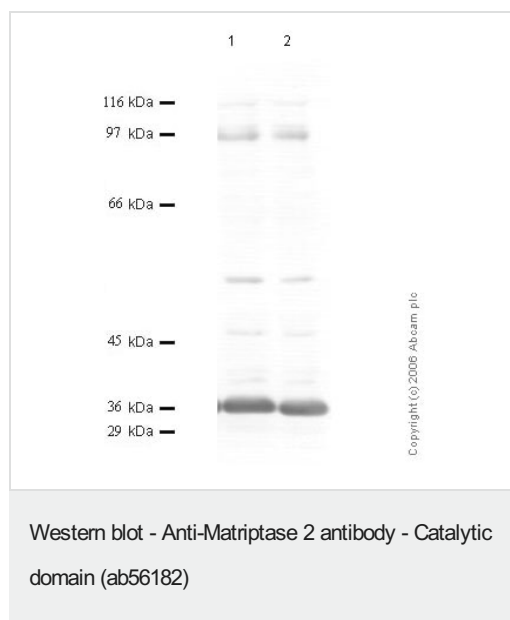
结构域

Cytoplasmic domain mediates HAMP suppression via proximal promoter element(s).

细胞定位

Cell membrane.

图片



All lanes : Anti-Matriptase 2 antibody - Catalytic domain (ab56182)
at 1/1000 dilution

All lanes : Cell media from human amnion-derived WISH cells

Predicted band size: 89 kDa

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

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