

Anti-ADAMTS12 antibody ab45041

1 References 1 图像

概述	
产品名称	Anti-ADAMTS12抗体
描述	兔多克隆抗体to ADAMTS12
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Mouse, African green monkey
免疫原	Synthetic peptide based on the propeptide region of Human ADAMTS12. 参阅Abcam的专有抗源政策 (Peptide available as ab45237 .)
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.05% Sodium azide Constituent: 50% Glycerol
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ab45041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 - 1/5000. Predicted molecular weight: 178 kDa. The recommended starting concentration for Western blots is 1/1000 when using colorimetric substrates such as BCIP/NBT, and 1/5000 for chemiluminescent substrates. Dilution optimised using Chromogenic detection. Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

靶标

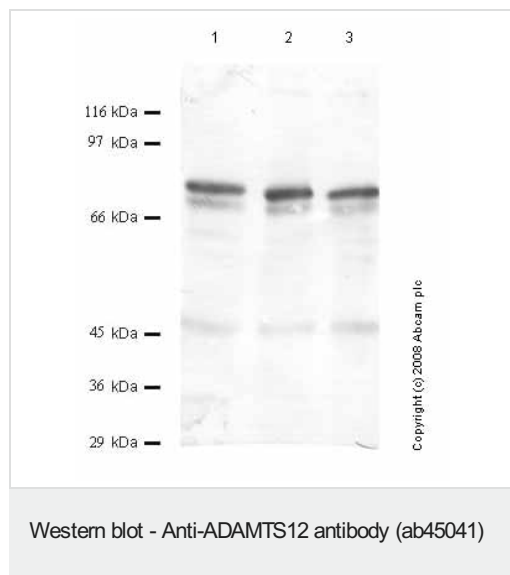
相关性

This protein is a disintegrin and metalloproteinase with thrombospondin motifs 12 (ADAMTS12), which is a member of the ADAMTS protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin like domain, and a thrombospondin type 1 (TS 1) motif. Individual members of this family differ in the number of C terminal TS 1 motifs, and some have unique C terminal domains. The enzyme encoded by this gene contains 8 TS 1 motifs. It may play roles in pulmonary cells during fetal development or in tumor processes through its proteolytic activity or as a molecule potentially involved in regulation of cell adhesion.

细胞定位

Secreted

图片



All lanes : Anti-ADAMTS12 antibody (ab45041) at 1/1000 dilution

Lane 1 : Cell media from mouse squamous cell carcinoma KLN 205 cells (treated with TPA)

Lane 2 : Cell media from mouse squamous cell carcinoma KLN 205 cells (treated with IL 1-alpha)

Lane 3 : Cell media from mouse squamous cell carcinoma KLN 205 cells (treated with TNF-alpha)

Predicted band size: 178 kDa

Full-length ADAMTS12 has been detected at 178 kDa by WB. However, study looking at ADAM-TS 12 expression in COS-7 cells (Gal et al. (2001) J. Biol. Chem. 276: 17932), has detected an 83 kD COOH-terminal cleavage product. It is possible that the post-translation processing in COS-7 cells is different than that of other

cells, that the epitope tag is cleaved during processing, or that the levels of the 83 kD product in other cells were below detection.

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

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