abcam

Product datasheet

Anti-ADAMTS13 antibody ab28274

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概述

产品名称	Anti-ADAMTS13抗体
描述	**兔多克隆抗体**to ADAMTS13
宿主	Rabbit
特异性	ab28274 recognises the metalloproteinase domain of ADAMTS13.
经测试应用	**适用于:** WB
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat
免疫原	Synthetic peptide corresponding to Human ADAMTS13. (Peptide available as **ab41249**)
常规说明	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. 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

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: 7.40 Constituent: PBS
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ab28274于以下的经测试应用**

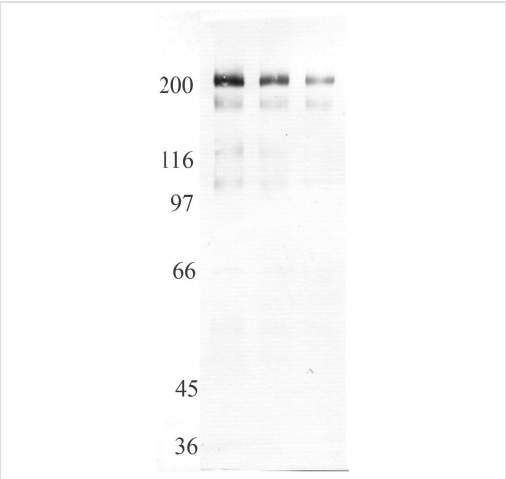
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/5000. Detects a band of approximately 190 kDa (predicted molecular weight: 154 kDa). 1/1000 when using colorimetric substrates such as BCIP/NBT - 1/5000, when using chemiluminescent substrates. Glycosylation and the abundance of cysteine residues gives ADAMTS 13 an apparent molecular weight of 190 kDa on reduced SDS PAGE gels. Several bands at 110-190 kDa are observed on Western blots, possibly

靶标

功能	Cleaves the vWF multimers in plasma into smaller forms.
组织特异性	Plasma. Expressed primarily in liver.
疾病相关	Defects in ADAMTS13 are the cause of thrombotic thrombocytopenic purpura congenital (TTP) [MIM:274150]; also known as Upshaw-Schulman syndrome (USS). A hematologic disease characterized by hemolytic anemia with fragmentation of erythrocytes, thrombocytopenia, diffuse and non-focal neurologic findings, decreased renal function and fever.
序列相似性	Contains 2 CUB domains. Contains 1 disintegrin domain. Contains 1 peptidase M12B domain. Contains 8 TSP type-1 domains.
结构域	The pro-domain is not required for folding or secretion and does not perform the common function of maintening enzyme latency. The spacer domain is necessary to recognize and cleave vWF. The C-terminal TSP type-1 and CUB domains may modulate this interaction.
翻译后修饰	May contain a C-mannosylation site and O-fucosylation sites in the TSP type-1 domains. The precursor is processed by a furin endopeptidase which cleaves off the pro-domain.
细胞定位	Secreted.

图片



Western blot - Anti-ADAMTS13 antibody (ab28274)

All lanes : Anti-ADAMTS13 antibody (ab28274) at 1 µg/ml

Lane 1 : Recombinant Human ATS-13 at 0.08 µg
Lane 2 : Recombinant Human ATS-13 at 0.04 µg
Lane 3 : Recombinant Human ATS-13 at 0.02 µg

Predicted band size: 154 kDa

Glycosylation and the abundance of cysteine residues gives ADAMTS-13 an apparent molecular weight of about 190 kDa on reduced SDS PAGE gels.

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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