abcam

Product datasheet

Anti-ADAMTS13 antibody ab28274

1 Abreviews 4 References 画像数 1

製品の概要

製品名	Anti-ADAMTS13 antibody
製品の詳細	Rabbit polyclonal to ADAMTS13
由来種	Rabbit
特異性	ab28274 recognises the metalloproteinase domain of ADAMTS13.
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Human **交差が予測される動物種:** Mouse, Rat
免疫原	Synthetic peptide corresponding to Human ADAMTS13. (Peptide available as **ab41249**)
特記事項	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

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	pH: 7.40 Constituent: PBS
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
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ab28274の使用に適用されます

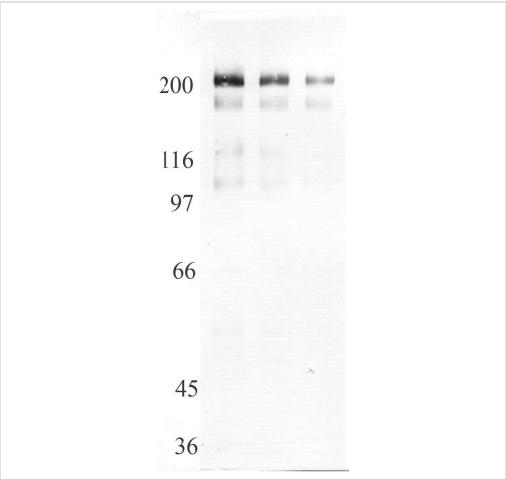
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/5000. 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

ターゲット情報

機能	Cleaves the vWF multimers in plasma into smaller forms.
組織特異性	Plasma. Expressed primarily in liver.
関連疾患	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.
配列類似性	Contains 2 CUB domains. Contains 1 disintegrin domain. Contains 1 peptidase M12B domain. Contains 8 TSP type-1 domains.
ドメイン	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.
翻訳後修飾	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.
細胞内局在	Secreted.

画像



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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- Extensive multi-media technical resources to help you
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