abcam

Product datasheet

Anti-Von Willebrand Factor antibody - Aminoterminal end ab47160

画像数 1

製品の概要

製品名	Anti-Von Willebrand Factor antibody - Aminoterminal end
製品の詳細	Rabbit polyclonal to Von Willebrand Factor - Aminoterminal end
由来種	Rabbit
特異性	This antibody recognizes the 2,813 and 2,752 amino acid forms of Von Willebrand Factor, but only a portion of the 2,764 amino acid form.
アプリケーション	**適用あり:** WB
種交差性	**交差種:** Human
免疫原	Synthetic peptide based on the aminoterminal end of full length Human Von Willebrand Factor.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	Preservative: 0.05% Sodium Azide Constituents: 50% Glycerol, PBS, 500mM Sodium chloride, pH 7.4
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

Our Abpromise guarantee covers the use of **ab47160** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		

追加情報

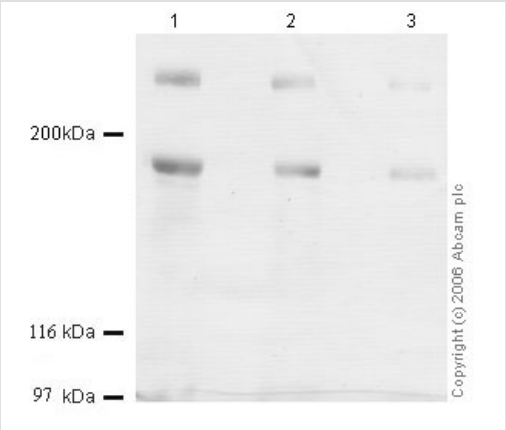
WB: 1/1000 - 1/5000. Predicted molecular weight: 309 kDa. A recommended starting concentration for Western blots is 1/1000 when using colorimetric substrates such as BCIP/NBT,

and 1/5000 for chemiluminescent substrates. Notes: Many bands of varying sizes can be seen on Western blots, perhaps indicating differential processing by ADAMTS13 and other enzymes. Dilution optimised using Chromogenic detection. Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能	Important in the maintenance of hemostasis, it promotes adhesion of platelets to the sites of vascular injury by forming a molecular bridge between sub-endothelial collagen matrix and platelet-surface receptor complex GPIb-IX-V. Also acts as a chaperone for coagulation factor VIII, delivering it to the site of injury, stabilizing its heterodimeric structure and protecting it from premature clearance from plasma.
組織特異性	Plasma.
関連疾患	Defects in VWF are the cause of von Willebrand disease (VWD) [MIM:277480]. VWD defines a group of hemorrhagic disorders in which the von Willebrand factor is either quantitatively or qualitatively abnormal resulting in altered platelet function. Symptoms vary depending on severity and disease type but may include prolonged bleeding time, deficiency of factor VIII and impaired platelet adhesion. Type I von Willebrand disease is the most common form and is characterized by partial quantitative plasmatic deficiency of an otherwise structurally and functionally normal Willebrand factor; type II is associated with a qualitative deficiency and functional anomalies of the Willebrand factor; type III is the most severe form and is characterized by total or near-total absence of Willebrand factor in the plasma and cellular compartments, also leading to a profound deficiency of plasmatic factor VIII.
配列類似性	Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 4 TIL (trypsin inhibitory-like) domains. Contains 3 VWFA domains. Contains 3 VWFC domains. Contains 4 VWFD domains.
ドメイン	The von Willebrand antigen 2 is required for multimerization of vWF and for its targeting to storage granules.
翻訳後修飾	All cysteine residues are involved in intrachain or interchain disulfide bonds. N- and O-glycosylated.
細胞内局在	Secreted. Secreted > extracellular space > extracellular matrix. Localized to storage granules.

画像



Western blot - Von Willebrand Factor antibody - Aminoterminal end (ab47160)

All lanes : Anti-Von Willebrand Factor antibody - Aminoterminal end (ab47160) at 1/1000 dilution

Lane 1 : Human serum reduced sample buffer at 1 µl
Lane 2 : Human serum reduced sample buffer at 0.5 µl
Lane 3 : Human serum reduced sample buffer at 0.25 µl

Predicted band size: 309 kDa
Observed band size: 170,302 kDa

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit http://www.abcam.co.jp/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors