abcam

Product datasheet

Anti-Factor XII heavy chain cleaved Arg372 antibody ab79554

画像数 1

製品の概要

製品名	Anti-Factor XII heavy chain cleaved Arg372 antibody
製品の詳細	Rabbit polyclonal to Factor XII heavy chain cleaved Arg372
由来種	Rabbit
特異性	Detects the fragment of activated Factor XII resulting from cleavage adjacent to Arg372.
アプリケーション	**適用あり:** WB, ELISA
種交差性	**交差種:** Human
免疫原	Synthetic peptide (Human)
ポジティブ・コントロール	Extracts from 293 cells.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS, 150mM 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

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ab79554の使用に適用されます

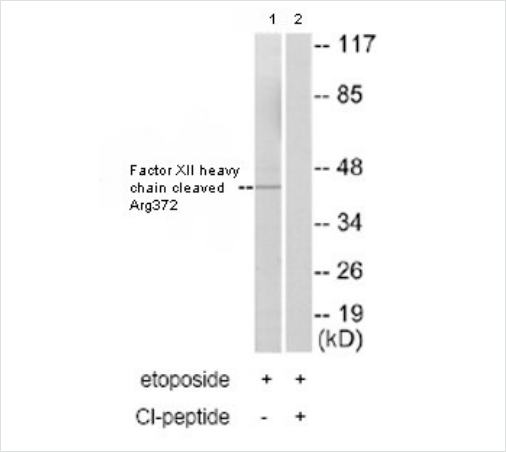
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/1000. Detects a band of approximately 42 kDa.
ELISA		1/20000.

ターゲット情報

機能	Factor XII is a serum glycoprotein that participates in the initiation of blood coagulation, fibrinolysis, and the generation of bradykinin and angiotensin. Prekallikrein is cleaved by factor XII to form kallikrein, which then cleaves factor XII first to alpha-factor XIIa and then trypsin cleaves it to beta-factor XIIa. Alpha-factor XIIa activates factor XI to factor XIa.
関連疾患	Factor XII deficiency Hereditary angioedema 3
配列類似性	Belongs to the peptidase S1 family. Contains 2 EGF-like domains. Contains 1 fibronectin type-I domain. Contains 1 fibronectin type-II domain. Contains 1 kringle domain. Contains 1 peptidase S1 domain.
翻訳後修飾	Factor XII is activated by kallikrein in alpha-factor XIIa, which is further converted by trypsin into beta-factor XIIa. Alpha-factor XIIa is composed of an NH2-terminal heavy chain, called coagulation factor XIIa heavy chain, and a COOH-terminal light chain, called coagulation factor XIIa light chain, connected by a disulfide bond. Beta-factor XIIa is composed of 2 chains linked by a disulfide bond, an N-terminal nonapeptide, called beta-factor XIIa part 1, and coagulation factor XIIa light chain, also known in this context as beta-factor XIIa part 2. O- and N-glycosylated. The O-linked polysaccharides were not identified, but are probably the mucin type linked to GalNAc.
細胞内局在	Secreted.

画像



Western blot - Anti-Factor XII heavy chain cleaved Arg372 antibody (ab79554)

All lanes : Anti-Factor XII heavy chain cleaved Arg372 antibody (ab79554) at 1/500 dilution

Lane 1 : Extracts from 293 cells, treated with etoposide (25uM, 1hour)
Lane 2 : Extracts from 293 cells, treated with etoposide (25uM, 1hour) with immunizing peptide at 5 µg

Lysates/proteins at 25 µg per lane.

Observed band size: 42 kDa

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

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 **https://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