

Product datasheet

Anti-Factor XIII/XIIIa antibody ab45000

製品の概要

製品名	Anti-Factor XIII/XIIIa antibody
製品の詳細	Rabbit polyclonal to Factor XIII/XIIIa
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Human
免疫原	Recombinant full length protein corresponding to A-subunit of human coagulation Factor XIII.
ポジティブ・コントロール	Capillary hemangioma, dermatofibroma and placenta.

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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: 0.01% PBS
精製度	Protein G 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 **ab45000** 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		1/1000. Detects a band of approximately 160 kDa (un-reduced dimer) or 80kDa (reduced monomer).
IHC-P		1/2000.

関連性	Factor XIII is a beta globulin found in plasma and is composed of two subunits. Coagulation factor XIII is the last zymogen to become activated in the blood coagulation cascade. Factor XIII A is the catalytic subunit and is a dimer of molecular weight 160kDa. The B subunits do not have enzymatic activity and may serve as a plasma carrier molecules. Platelet factor XIII is comprised only of 2 A subunits, which are identical to those of plasma origin. Upon activation by the cleavage of the activation peptide by thrombin and in the presence of calcium ion, the plasma factor XIII dissociates its B subunits and yields the same active enzyme, factor XIII A, as platelet factor XIII. This enzyme acts as a transglutaminase to catalyze the formation of gamma-glutamyl-epsilon-lysine crosslinking between fibrin molecules, thus stabilizing the fibrin clot. It also crosslinks alpha-2-plasmin inhibitor, or fibronectin, to the alpha chains of fibrin.
細胞内局在	Cytoplasmic in most tissues, but also secreted in the blood plasma

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