

## Product datasheet

# Anti-Collagen V antibody ab114072

### 製品の概要

製品名	Anti-Collagen V antibody
製品の詳細	Rabbit polyclonal to Collagen V
特異性	ab114072 reacts with Collagen V but also exhibits slightly with Collagen IV.
アプリケーション	<b>適用あり:</b> WB, IP, ELISA, Flow Cyt, ICC/IF, IHC-Fr
種交差性	<b>交差種:</b> Rat, Human, Common marmoset
免疫原	Full length native protein purified from Human placenta
特記事項	ab114072 is stable until the expiry date when stored at -70°C. After thawing, it can be kept at 2-8°C for more than 3 months. Repeated freezing and thawing should be avoided.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -80°C.
バッファー	Constituent: 99% 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

Our [Abpromise guarantee](#) covers the use of **ab114072** 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		Use a concentration of 0.25 - 1 µg/ml. Predicted molecular weight: 184 kDa.
IP		Use a concentration of 10 - 30 µg/ml.
ELISA		Use at an assay dependent concentration.

アプリケーション	Abreviews	特記事項
Flow Cyt		Use at an assay dependent concentration. <a href="#">ab171870</a> -Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.
ICC/IF		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.

## ターゲット情報

機能	Type V collagen is a member of group I collagen (fibrillar forming collagen). It is a minor connective tissue component of nearly ubiquitous distribution. Type V collagen binds to DNA, heparan sulfate, thrombospondin, heparin, and insulin.
関連疾患	Ehlers-Danlos syndrome 1 Ehlers-Danlos syndrome 2
配列類似性	Belongs to the fibrillar collagen family. Contains 1 fibrillar collagen NC1 domain. Contains 1 laminin G-like domain.
ドメイン	The C-terminal propeptide, also known as COLFI domain, have crucial roles in tissue growth and repair by controlling both the intracellular assembly of procollagen molecules and the extracellular assembly of collagen fibrils. It binds a calcium ion which is essential for its function.
翻訳後修飾	Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains. Sulfated on 40% of tyrosines.
細胞内局在	Secreted > extracellular space > extracellular matrix.

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