abcam

Product datasheet

Anti-Collagen I + II + III + IV + V antibody ab36064

★★☆☆☆ 1 Abreviews   5 References

製品の概要

製品名	Anti-Collagen I + II + III + IV + V antibody
製品の詳細	Rabbit polyclonal to Collagen I + II + III + IV + V
由来種	Rabbit
アプリケーション	**適用あり:** ELISA, IHC-Fr, ICC/IF
種交差性	**交差種:** Human
免疫原	Full length native Collagen I + II + III + IV + V proteins (purified) from human placenta.
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.50
Constituents: 0.1% Dextran, 0.87% Sodium chloride, 0.164% Sodium phosphate, 0.1% Mannitol
精製度	Immunogen affinity purified
特記事項（精製）	This antibody is affinity isolated. It was purified by affinity chromatography on immobilized Collagen types I-V.
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ab36064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
ELISA		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.

ターゲット情報

機能	Type I collagen is a member of group I collagen (fibrillar forming collagen).
組織特異性	Forms the fibrils of tendon, ligaments and bones. In bones the fibrils are mineralized with calcium hydroxyapatite.
関連疾患	Caffey disease Ehlers-Danlos syndrome, classic type Ehlers-Danlos syndrome 7A Osteogenesis imperfecta 1 Osteogenesis imperfecta 2 Osteogenesis imperfecta 3 Osteogenesis imperfecta 4 Osteoporosis A chromosomal aberration involving COL1A1 is found in dermatofibrosarcoma protuberans. Translocation t(17;22)(q22;q13) with PDGF.
配列類似性	Belongs to the fibrillar collagen family. Contains 1 fibrillar collagen NC1 domain. Contains 1 VWFC 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	Proline residues at the third position of the tripeptide repeating unit (G-X-P) are hydroxylated in some or all of the chains. Proline residues at the second position of the tripeptide repeating unit (G-P-X) are hydroxylated in some of the chains. O-linked glycan consists of a Glc-Gal disaccharide bound to the oxygen atom of a post-translationally added hydroxyl group.
細胞内局在	Secreted, extracellular space, extracellular matrix.

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

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- 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
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