

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

★★★★★ 1 Abreviews 5 References

概述	
产品名称	Anti-Collagen I + II + III + IV + V抗体
描述	兔多克隆抗体to Collagen I + II + III + IV + V
宿主	Rabbit
经测试应用	适用于: ELISA, IHC-Fr, ICC/IF
种属反应性	与反应: Human
免疫原	Full length native Collagen I + II + III + IV + V proteins (purified) from human placenta.
常规说明	<p>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.</p> <p>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</p>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.50 Constituents: 0.1% Dextran, 0.87% Sodium chloride, 0.164% Sodium phosphate, 0.1% Mannitol
纯度	Immunogen affinity purified
纯化说明	This antibody is affinity isolated. It was purified by affinity chromatography on immobilized Collagen types I-V.
克隆	多克隆
同种型	IgG
应用	

The Abpromise guarantee Abpromise™承诺保证使用ab36064于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ELISA		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.

靶标

功能	Type I collagen is a member of group I collagen (fibrillar forming collagen).
组织特异性	Forms the fibrils of tendon, ligaments and bones. In bones the fibrils are mineralized with calcium hydroxyapatite.
疾病相关	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.
序列相似性	Belongs to the fibrillar collagen family. Contains 1 fibrillar collagen NC1 domain. Contains 1 VWFC domain.
结构域	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.
翻译后修饰	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.
细胞定位	Secreted, extracellular space, extracellular matrix.

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