

产品名称: COL9A3 Rabbit Polyclonal Antibody
产品货号: APRab09201



产品概述 (Summary)

产品名称 (Production Name)	COL9A3 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	COL9A3
别名 (Alternative Names)	COL9A3; Collagen alpha-3(IX) chain
基因 ID (Gene ID)	1299.0
蛋白 ID (SwissProt ID)	Q14050. The antiserum was produced against synthesized peptide derived from human Collagen IX alpha3. AA range: 321-370

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	

研究背景 (Background)

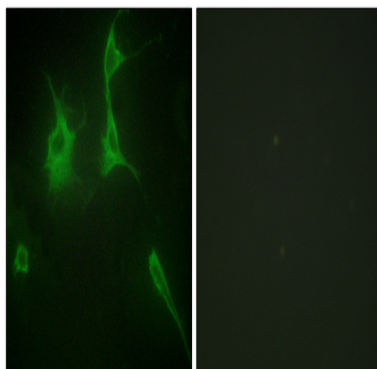
产品名称: COL9A3 Rabbit Polyclonal Antibody
产品货号: APRab09201



This gene encodes one of the three alpha chains of type IX collagen, the major collagen component of hyaline cartilage. Type IX collagen, a heterotrimeric molecule, is usually found in tissues containing type II collagen, a fibrillar collagen. Mutations in this gene are associated with multiple epiphyseal dysplasia type 3. [provided by RefSeq, Jan 2010],disease:Defects in COL9A3 are the cause of multiple epiphyseal dysplasia type 3 (EDM3) [MIM:600969]; also known as multiple epiphyseal dysplasia with myopathy. EDM is a generalized skeletal dysplasia associated with significant morbidity. Joint pain, joint deformity, waddling gait, and short stature are the main clinical signs and symptoms. EDM is broadly categorized into the more severe Fairbank and the milder Ribbing types.,function:Structural component of hyaline cartilage and vitreous of the eye.,PTM:Covalently linked to the telopeptides of type II collagen by lysine-derived cross-links.,PTM:Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains.,similarity:Belongs to the fibril-associated collagens with interrupted helices (FACIT) family.,subunit:Heterotrimer of an alpha 1(IX), an alpha 2(IX) and an alpha 3(IX) chain.,

研究领域 (Research Area)

图片 (Image Data)



Immunofluorescence analysis of NIH/3T3 cells, using Collagen IX alpha3 Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .