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Collagen II Rabbit mAb

货号: AAY1096

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF ELISA
推荐浓度	**IHC:** 1:100-1:500 **WB:** 1:1000-1:3000 **IF:** 1:200-1:800 **ELISA:** 1:5000-1:20000
理论分子量	142kD
实测分子量	140K-200kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.98.
偶联物	Unconjugated
阳性对照	Mouse skeletal muscle
细胞定位	Secreted, extracellular space, extracellular matrix
纯化	亲和纯化

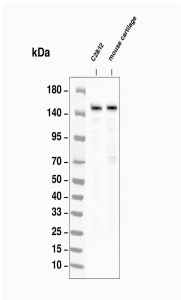
抗原信息

抗原信息	

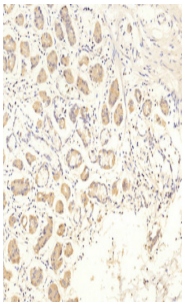
靶点信息

研究背景	This gene encodes the alpha-1 chain of type II collagen, a fibrillar collagen found in cartilage and the vitreous humor of the eye. Mutations in this gene are associated with achondrogenesis, chondrodysplasia, early onset familial osteoarthritis, SED congenita, Langer-Saldino achondrogenesis, Kniest dysplasia, Stickler syndrome type I, and spondyloepimetaphyseal dysplasia Strudwick type. In addition, defects in processing chondrocalcin, a calcium binding protein that is the C-propeptide of this collagen molecule, are also associated with chondrodysplasia. There are two transcripts identified for this gene.
基因ID	1280
基因名	COL2A1
Swiss	P02458 (https://www.uniprot.org/uniprotkb/P02458/entry)
别名	COL2A1;Collagen Type II;Collagen alpha-1;II;chain;Alpha-1 type II collagen;[Cleaved into: Collagen alpha-1;II;chain;Chondrocalcin]

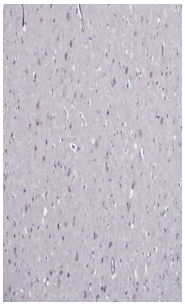
产品验证



Western blot analysis of COL2A1 expressed in C28/I2 cell，mouse cartilage using Collagen II at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s



Human-stomach was stained with anti-Collagen II rabbit antibody，1：200



Cerebral cortex was stained with anti-Collagen II rabbit antibody，1：200

实验步骤

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