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PRG4 Rabbit pAb

货号: **AYP18471**

产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:200 - 1:2000
理论分子量	102kDa/136kDa/141kDa/146kDa/151kDa
实测分子量	150kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	LO2
细胞定位	Secreted
纯化	Affinity purification

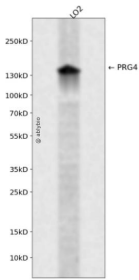
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1264-1363 of human PRG4 (NP_001121180.2).
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靶点信息

研究背景	The protein encoded by this gene is a large proteoglycan that is synthesized by chondrocytes located at the surface of articular cartilage and by some synovial lining cells. This protein contains both chondroitin sulfate and keratan sulfate glycosaminoglycans. It functions as a boundary lubricant at the cartilage surface and contributes to the elastic absorption and energy dissipation of synovial fluid. Mutations in this gene result in camptodactyly-arthropathy-coxa vara-pericarditis syndrome. Alternative splicing results in multiple transcript variants.
基因ID	10216
基因名	PRG4
Swiss	Q92954 (https://www.uniprot.org/uniprotkb/Q92954/entry)
别名	PRG4,CACP,HAPO,JCAP,MSF,SZP,PRG4 Rabbit pAb,Lubricin,Megakaryocyte-stimulating factor,Superficial zone proteoglycan

产品验证



Western blot analysis of PRG4 expressed in LO2 using PRG4 Rabbit pAb 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.

实验步骤

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