

PRG4 Polyclonal Antibody

Catalog Number:E-AB-91138



Note: Centrifuge before opening to ensure complete recovery of vial contents.

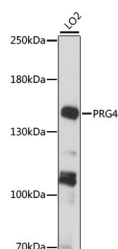
Description

Reactivity	Human,Rat
Immunogen	Recombinant fusion protein of human PRG4
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.01% thiomersal,50% glycerol,pH7.3.

Applications Recommended Dilution

WB	1:200-1:2000
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Data



Western blot analysis of extracts of LO2 cells using PRG4 Polyclonal Antibody at 1:1000 dilution.

Observed MW:150kDa

Calculated

Mw:102kDa/136kDa/141kDa/146kDa/151kDa

Preparation & Storage

Storage	Store at -20°C. Avoid freeze/thaw cycles.
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Background

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.

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