# antibodies - online.com







# anti-Proteoglycan 4 antibody (AA 176-210)

**Images** 



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Overview	
Quantity:	200 μL
Target:	Proteoglycan 4 (PRG4)
Binding Specificity:	AA 176-210
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Proteoglycan 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)
Product Details	
Immunogen:	This PRG4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic
	peptide between 176-210 amino acids from the human region of human PRG4.
Clone:	RB57887
Isotype:	Ig Fraction
Predicted Reactivity:	Н
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	Proteoglycan 4 (PRG4)
Alternative Name:	PRG4 (PRG4 Products)

# **Target Details**

Background:	Plays a role in boundary lubrication within articulating joints. Prevents protein deposition onto	
	cartilage from synovial fluid by controlling adhesion-dependent synovial growth and inhibiting	
	the adhesion of synovial cells to the cartilage surface.	
Molecular Weight:	151061	
UniProt:	Q92954	

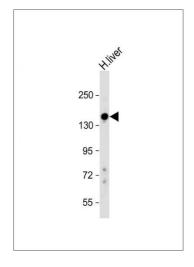
# **Application Details**

Application Notes:	IF: 1:25. WB: 1:500
Restrictions:	For Research Use only

# Handling

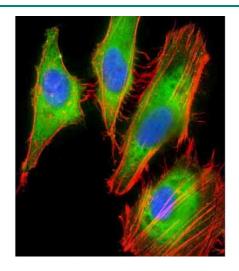
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

## **Images**



# **Western Blotting**

**Image 1.** Anti-PRG4 Antibody (N-Term) at 1:500 dilution + Human liver whole cell lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 151 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



### **Immunofluorescence**

Image 2. Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized Hela (human cervical epithelial adenocarcinoma cell line) cells labeling PRG4 with (ABIN6244267 and ABIN6578898) at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG (1583138) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on Hela cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (PD18466410) at 1/100 dilution (red). The nuclear counter stain is DI (blue).