

Datasheet for ABIN7436231

**anti-Proteoglycan 4 antibody (AA 1151-1241)**[Go to Product page](#)**4** Images

## Overview

Quantity:	100 µL
Target:	Proteoglycan 4 (PRG4)
Binding Specificity:	AA 1151-1241
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Proteoglycan 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Polyclonal Antibody to Proteoglycan 4 (PRG4)
Immunogen:	Recombinant Proteoglycan 4 (PRG4) corresponding to Val1151~Gly1241 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PRG4. It has been selected for its ability to recognize PRG4 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	Proteoglycan 4 (PRG4)
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## Target Details

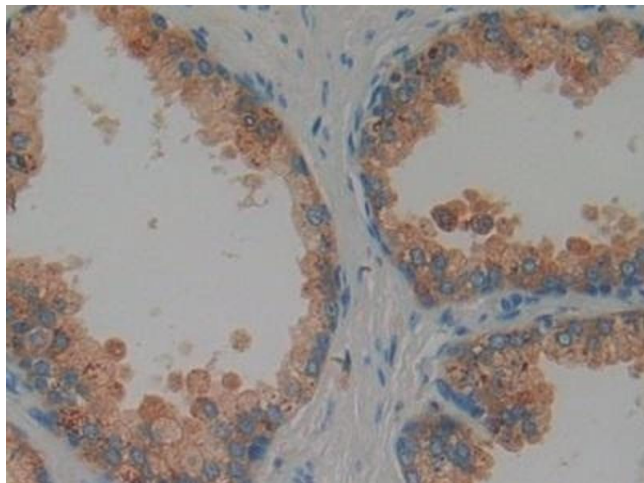
Alternative Name:	Proteoglycan 4 ( <a href="#">PRG4 Products</a> )
Background:	MSF, CACP, HAPO, JCAP, SZP, Megakaryocyte Stimulating factor, Articular Superficial Zone Protein, Camptodactyly, Arthropathy, Coxa Vara, Pericarditis Syndrome

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

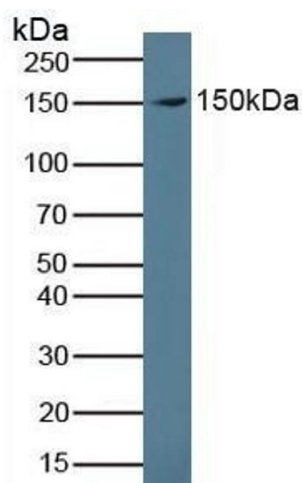
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



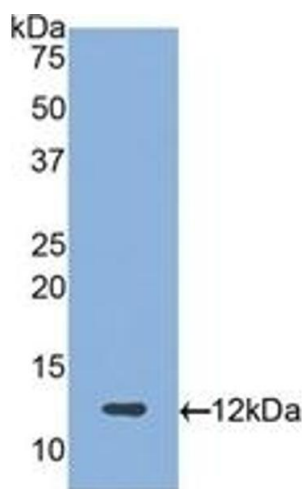
#### Immunohistochemistry

**Image 1.** Detection of PRG4 in Human Prostate Tissue using Polyclonal Antibody to Proteoglycan 4 (PRG4)



#### Western Blotting

**Image 2.** Detection of PRG4 in Human Serum using Polyclonal Antibody to Proteoglycan 4 (PRG4)



#### Western Blotting

**Image 3.** Detection of Recombinant PRG4, Human using Polyclonal Antibody to Proteoglycan 4 (PRG4)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7436231.