

Datasheet for ABIN7437680  
**anti-NG2 antibody (AA 1919-2258)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	NG2 (MCSP)
Binding Specificity:	AA 1919-2258
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Chondroitin Sulfate Proteoglycan 4 (CSPG4)
Immunogen:	Recombinant Chondroitin Sulfate Proteoglycan 4 (CSPG4) corresponding to Gly1919~Lys2258 (Accession # Q00657) with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CSPG4. It has been selected for its ability to recognize CSPG4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

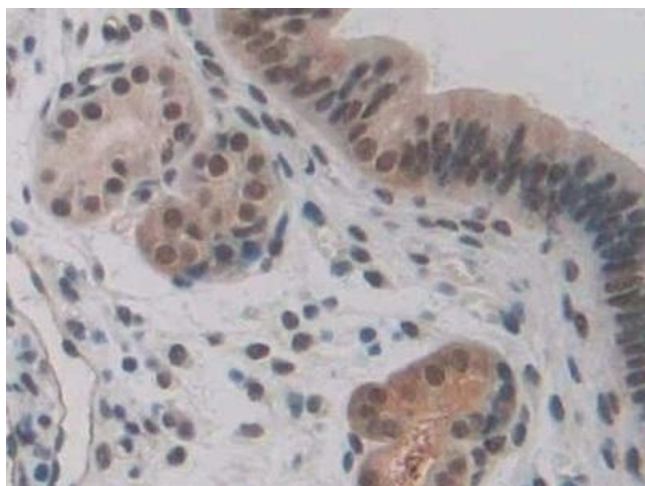
Target:	NG2 (MCSP)
Alternative Name:	Chondroitin Sulfate Proteoglycan 4 ( <a href="#">MCSP Products</a> )
Background:	CSPG4, MSK16, HMW-MAA, MCSP, MCSPG, MEL-CSPG, NG2, Chondroitin Sulfate Proteoglycan 4, Melanoma chondroitin sulfate proteoglycan
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## 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

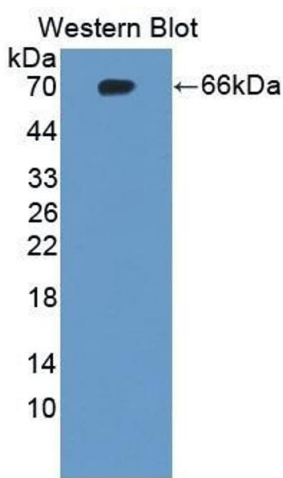
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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
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



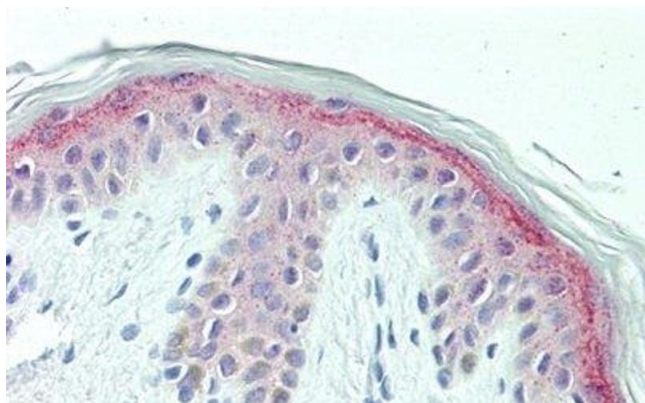
#### Immunohistochemistry

**Image 1.** Detection of CSPG4 in Rat Kidney Tissue using Polyclonal Antibody to Chondroitin Sulfate Proteoglycan 4 (CSPG4)



#### Western Blotting

**Image 2.** Detection of Recombinant MCSP, Rat using Polyclonal Antibody to Chondroitin Sulfate Proteoglycan 4 (CSPG4)



#### Immunohistochemistry

**Image 3.** Detection of CSPG4 in Human Skin Tissue using Polyclonal Antibody to Chondroitin Sulfate Proteoglycan 4 (CSPG4)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7437680.