

Datasheet for ABIN390518
anti-Decorin antibody (AA 122-150)

4 Images

1 Publication

[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Decorin (DCN)
Binding Specificity:	AA 122-150
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Decorin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This DCN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 122-150 amino acids from the Central region of human DCN.
Clone:	RB19595
Isotype:	IgG
Predicted Reactivity:	B, Pig, Sh
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Decorin (DCN)
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Target Details

Alternative Name:	DCN (DCN Products)
Background:	<p>DCN is a small cellular or pericellular matrix proteoglycan that is closely related in structure to biglycan protein. The protein and biglycan are thought to be the result of a gene duplication.</p> <p>This protein is a component of connective tissue, binds to type I collagen fibrils, and plays a role in matrix assembly. It contains one attached glycosaminoglycan chain. This protein is capable of suppressing the growth of various tumor cell lines.</p>
Molecular Weight:	39747
Gene ID:	1634
NCBI Accession:	NP_001911 , NP_598010 , NP_598011 , NP_598012 , NP_598013 , NP_598014
UniProt:	P07585
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

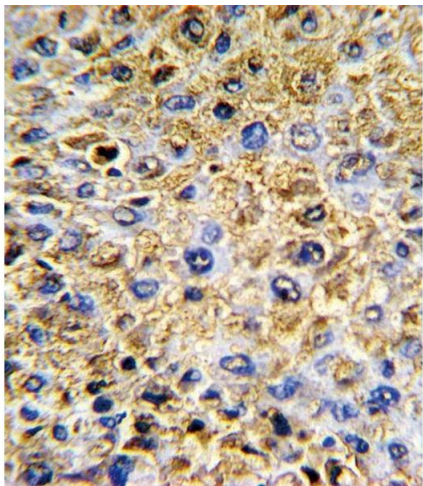
Handling

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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

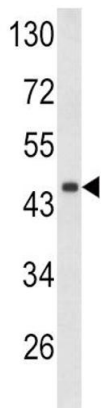
Product cited in:	Lei, Chen, Huang, Wu, Lin, Lai: "Proteomic analysis of the effect of extracellular calcium ions on human mesenchymal stem cells: Implications for bone tissue engineering." in: Chemico-
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Images



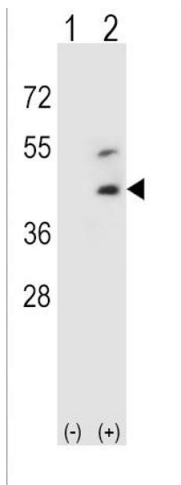
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma with DCN Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of DCN antibody (Center) (ABIN390518 and ABIN2840871) in mouse heart tissue lysates (35 µg/lane). DCN (arrow) was detected using the purified Pab.



Western Blotting

Image 3. Western blot analysis of DCN (arrow) using rabbit polyclonal DCN Antibody (Center) (ABIN390518 and ABIN2840871). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DCN gene.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN390518.