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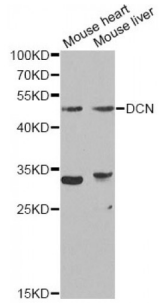
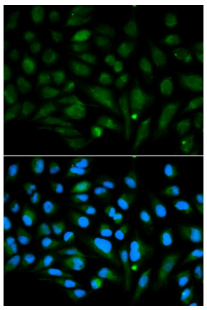
DATASHEET

Decorin (DCN) Antibody

Catalogue No.:abx001402



Western blot analysis of extracts of various cell lines, using DCN Antibody (abx001402) at 1/1000 dilution.



Immunofluorescence analysis of MCF-7 cells using DCN antibody (abx001402). Blue: DAPI for nuclear staining.

DCN Antibody is a Rabbit Polyclonal antibody against DCN. The protein encoded by this gene is a small cellular or pericellular matrix proteoglycan that is closely related in structure to biglycan protein. The encoded protein and biglycan are thought to be the result of a gene duplication. 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. There are multiple alternatively spliced transcript variants known for this gene. This gene is a candidate gene for Marfan syndrome. [provided by RefSeq].

Target:	DCN
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IHC, IF/ICC
Recommended dilutions:	WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Immunogen:	Recombinant protein of human DCN.
Purification:	Affinity purified.

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Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 8 kDa/19 kDa/23 kDa/27 kDa/39 kDa Observed MW: 48 kDa
Swiss Prot:	P07585
GeneID:	1634
Gene Symbol:	DCN
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.