

Rabbit Decorin Polyclonal Antibody | anti-DCN antibody

Anti-Decorin Antibody

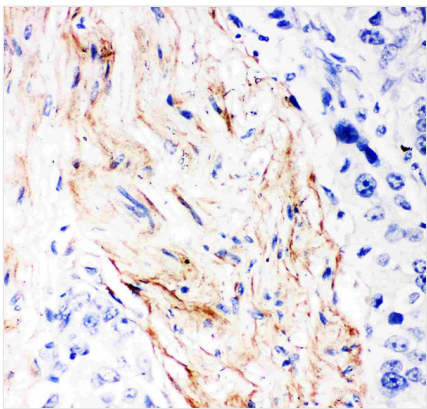
CATALOG # AAA46070	HOST Rabbit	REACTIVITY Human, Rat. No cross reactivity with other proteins.	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

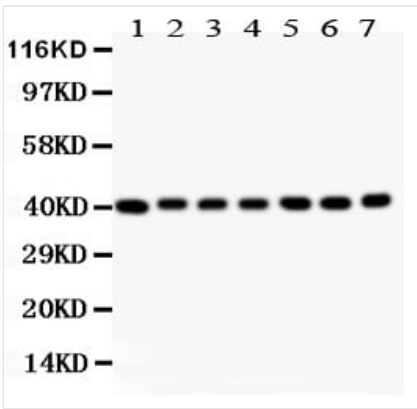
Decorin; Polyclonal Antibody; Anti-Decorin Antibody; Bone proteoglycan II antibody; CSCD antibody; DCN antibody; DCN protein antibody; Decorin antibody; Decorin proteoglycan antibody; Dermatan sulphate proteoglycans II antibody; DKFZp686J19238 antibody; DSPG 2 antibody; DSPG2 antibody; PG 40 antibody; PG II antibody; PG S2 antibody; PG-S2 antibody; PG40 antibody; PGII antibody; PGS 2 antibody; PGS2 antibody; PGS2_HUMAN antibody; Proteoglycan core protein antibody; SLRR1B antibody; Small leucine rich protein 1B antibody; decorin; anti-DCN antibody

PRODUCT SPECIFICATIONS

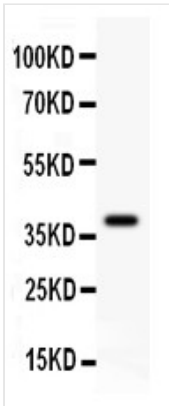
Host	Rabbit
Reactivity	Human, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	359
Applicable Applications for anti-DCN antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human Decorin recombinant protein (Position: D31-K359). Human Decorin shares 80% and 77% amino acid (aa) sequences identity with mouse and rat Decorin, respectively.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



IHC (Immunohistochemisry)
Anti- Decorin Picoband antibody, AAA46070, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)
Anti- Decorin Picoband antibody, AAA46070, Western blottingAll lanes: Anti Decorin (AAA46070) at 0.5ug/mlLane 1: Rat Liver Tissue Lysate at 50ugLane 2: Rat Kidney Tissue Lysate at 50ugLane 3: Rat Spleen Tissue Lysate at 50ugLane 4: Rat Lung Tissue Lysate at 50ugLane 5: MCF-7 Whole Cell Lysate at 40ugLane 6: SW620 Whole Cell Lysate at 40ugLane 7: Hepg2 Whole Cell Lysate at 40ugPredicted bind size: 40KD
Observed bind size: 40KD



WB (Western Blot)
Anti- Decorin Picoband antibody, AAA46070, Western blottingAll lanes: Anti Decorin (AAA46070) at 0.5ug/mlWB: Recombinant Human Decorin Protein 0.5ngPredicted bind size: 38KD
Observed bind size: 38KD

ADDITIONAL INFORMATION

Related Product Information for anti-DCN antibody	Description: Rabbit IgG polyclonal antibody for Decorin(DCN) detection. Tested with WB, IHC-P in Human;Rat. Background: Decorin is a protein that in humans is encoded by the DCN gene. This gene is mapped to 12q21.3. It belongs to the small leucine-rich proteoglycan (SLRP) family and consists of a protein core containing leucine repeats with a glycosaminoglycan (GAG) chain consisting of either chondroitin sulfate(CS) or dermatan sulfate(DS). Decorin is a small cellular or pericellular matrix proteoglycan and is closely related in structure to biglycan protein. This protein is a component of connective tissue, binds to type I collagen fibrils, and plays a role in matrix assembly. And it also may play a role in epithelial/mesenchymal interactions during organ development and shaping. Decorin has been shown to have anti-tumorigenic properties in an experimental murine tumor model and is capable of suppressing the growth of various tumor cell lines.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503271
NCBI GeneID	1634
NCBI Accession #	NP_001911.1
NCBI GenBank Nucleotide #	NM_001920.3

UniProt Accession #	P07585; Q9P0Z0; Q9P0Z1; Q9Y5N8; Q9Y5N9
Molecular Weight	8,266 Da
NCBI Official Full Name	decorin isoform a preproprotein
NCBI Official Synonym Full Names	decorin
NCBI Official Symbol	DCN
NCBI Official Synonym Symbols	CSCD; PG40; PGII; PGS2; DSPG2; SLRR1B
NCBI Protein Information	decorin; PG-S2; bone proteoglycan II; decorin proteoglycan; proteoglycan core protein; small leucine-rich protein 1B; dermatan sulphate proteoglycans II
UniProt Protein Name	Decorin
UniProt Gene Name	DCN
UniProt Synonym Gene Names	SLRR1B
UniProt Entry Name	PGS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/decorin-antibody-immunohistochemistry-western-blot-elisa/46070>