

Rabbit DCN Polyclonal Antibody | anti-DCN antibody

DCN Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312896	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

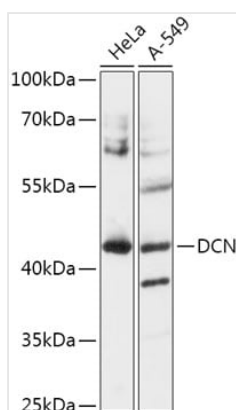
PRODUCT SYNONYMS

DCN; Polyclonal Antibody; DCN Polyclonal Antibody; CSCD; DSPG2; PG40; PGII; PGS2; SLRR1B; decorin; Decorin; anti-DCN antibody

PRODUCT SPECIFICATIONS

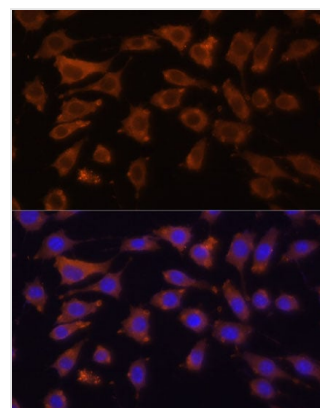
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 94% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.47
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-DCN antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human DCN (NP_598010.1)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



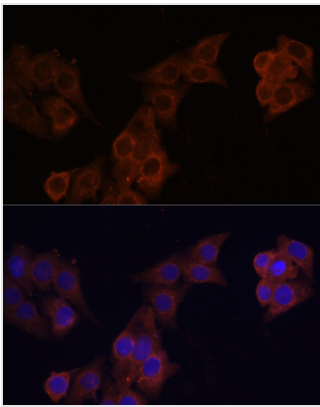
WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Decorin antibody at 1:1000 dilution.



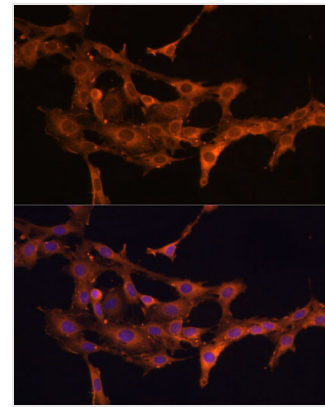
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using DCN Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using DCN Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using DCN Polyclonal Antibody at dilution of 1:100 . Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-DCN antibody	This gene encodes a member of the small leucine-rich proteoglycan family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature protein. This protein plays a role in collagen fibril assembly. Binding of this protein to multiple cell surface receptors mediates its role in tumor suppression, including a stimulatory effect on autophagy and inflammation and an inhibitory effect on angiogenesis and tumorigenesis. This gene and the related gene biglycan are thought to be the result of a gene duplication. Mutations in this gene are associated with congenital stromal corneal dystrophy in human patients.
Product Categories/Family for anti-DCN antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	19743846
NCBI GeneID	1634
NCBI Accession #	NP_598010.1
NCBI GenBank Nucleotide #	NM_133503.3
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
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.

