

DNAxPAb

Hard-to-Find
Antibody

DCN DNAxPab

Catalog # H00001634-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DCN DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MKATIILLLLAQVSWAGPFQQRGLFDFMLEDEASGIGPEVPDDRDFEPSLGPVCPFRCQCCHLRV VQCSDLGLDKVPKDLPPDTLLDLQNNKITEIKDGDFKNLKNLHALILVNNKISKVSPGAFTPLVKL ERLYLSKNQLKELPEKMPKTLQELRAHENEITKVRKVTFNGLNQMMIVELGTNPLKSSGIENGAFFQG MKKLSYRIADTNITSIPQGLPPSLTELHLDGNKISRVDAAASLKGLNNLAKLGLSFNSISAVDNGSLAN TPHLRELHLDNNKLTRVPGGLAEHKYIQVVYLHNNNISVVGSSDFCPPGHNTKKASYSGVSLFSNP VQYWEIQPSTFRCVYVRSAILQLGNYK
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — DCN

Entrez GeneID	1634
GeneBank Accession#	NM_001920.3
Protein Accession#	NP_001911.1
Gene Name	DCN
Gene Alias	CSCD, DSPG2, PG40, PGII, PGS2, SLRR1B
Gene Description	decorin
Omim ID	125255 610048
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	bone proteoglycan II decorin proteoglycan dermatan sulphate proteoglycans III proteoglycan core protein small leucine-rich protein 1B

Pathway

- [TGF-beta signaling pathway](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Myopia](#)
- [Ovarian Neoplasms](#)
- [Proteinuria](#)