

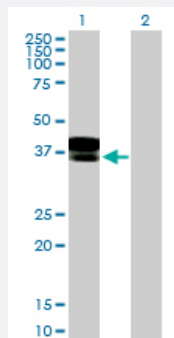
MaxPab®

DCN purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001634-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DCN expression in transfected 293T cell line ([H00001634-T01](#)) by DCN MaxPab polyclonal antibody.

Lane 1: DCN transfected lysate(39.70 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DCN protein.
Immunogen	DCN (NP_001911.1, 1 a.a. ~ 359 a.a) full-length human protein.
Sequence	MKATIILLLLAQVSWAGPFQQRGLFDFMLEDEASGIGPEVPDDRDFEPSLGPVCPFRCQCHLRV VQCSDLGLDKVPKDLPPDTLLDLQNNKITEIKDGDFKNLKNLHALILVNNKISKVSPGAFTPLVKL ERLYLSKNQLKELPEKMPKTLQELRAHENEITKVRKVTFNGLNQMMIELGTNPLKSSGIENGAFQG MKKLSYRIADTNITSIPQGLPPSLTELHLDGNKISRVDAAASLKGLNNLAKLGLSFNSISAVDNGSLAN TPHLRELHLDNNKLTRVPGGLAEHKYIQVVYLHNNNISVVGSSDFCPPGHNTKKASYSGVSLFSNP VQYWEIQPSTFRCVYVRSAILQLGNYK
Host	Rabbit
Reactivity	Human
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)

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[Protocol Download](#)

Gene Info — DCN

Entrez GeneID [1634](#)

GeneBank Accession# [NM_001920](#)

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 II|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](#)