



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## DCN purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00001634-D01P

規格 : [ 100 ug ]

[List All](#)

### 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:**  
 MKATIILLLLAQVSWAGPFQQRGLDFMLEDASGIGPEVPDDRDFEPS  
 LGPVCPRFCQCHLRVQCSDLGLDKVPKDLPPDTLLDLQNNKITEIKDG  
 DFKNLKNLHALILVNNKISKVSPGAFPLVKLERLYL SKNQLKELPEKMPKT  
 LQELRAHENEITKVRKVTFNGLNQMMVIELGTNPLKSSGIENGAFQGMKKL  
 SYIRIADTNITSIPQGLPPSLTELHLDGNKISRVAASLKGLNNLAKLGLSFN  
 SISAVDNGSLANTPHLRELHLDNNKLTRVPGGLAEHKYIQVVYLHNNNISV  
 VGSSDFCPPGHNTKKASYSGVSLFSNPVQYWEIQPSTFRCVYVRSIQQL  
 GNYK

**Host:** Rabbit

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

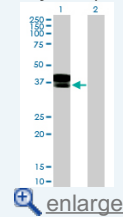
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

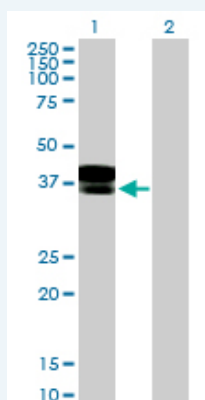
### Application Image

Western Blot (Transfected lysate)



### 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.

[Protocol Download](#)

## Gene Information

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**Entrez GeneID:** [1634](#)

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**GeneBank  
Accession#:** [NM\\_001920](#)

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**Protein  
Accession#:** [NP\\_001911.1](#)

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**Gene Name:** DCN

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**Gene Alias:** CSCD,DSPG2,PG40,PGII,PGS2,SLRR1B

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**Gene  
Description:** decorin

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**Omim ID:** [125255](#), [610048](#)

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**Gene Ontology:** [Hyperlink](#)

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**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]

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**Other  
Designations:** bone proteoglycan II,decorin proteoglycan,dermatan sulphate proteoglycans II,proteoglycan core protein,small leucine-rich protein 1B

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## Gene Pathway

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[TGF-beta signaling pathway](#)

## Related Disease

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[Breast cancer](#) [Breast Neoplasms](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 1](#) [Diabetes Mellitus, Type 2](#) [Diabetic Nephropathies](#) [Disease Progression](#) [Edema](#) [Genetic Predisposition to Disease](#) [Myopia](#) [Myopia, Degenerative](#) [Ovarian Neoplasms](#) [Proteinuria](#)

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