

## Product datasheet for **TA349293S**

### Decorin (DCN) Rabbit Polyclonal Antibody

#### Product data:

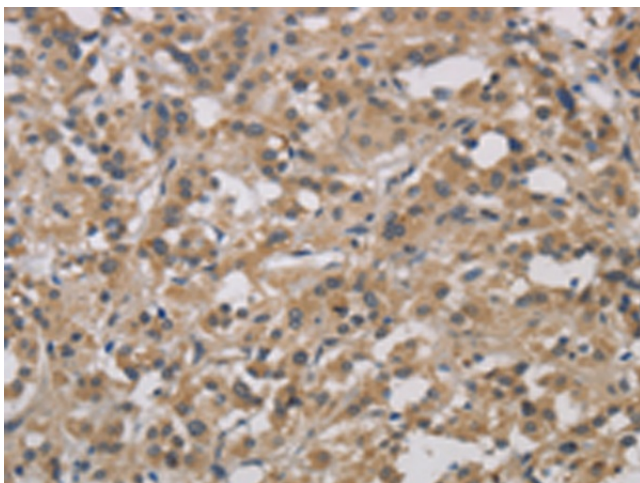
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DCN
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% GlycerolIn
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	decorin
Database Link:	<a href="#">NP_598010</a> <a href="#">Entrez Gene 13179 Mouse</a> <a href="#">Entrez Gene 29139 Rat</a> <a href="#">Entrez Gene 1634 Human</a> <a href="#">P07585</a>
Background:	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.
Synonyms:	CSCD; DSPG2; PG40; PGII; PGS2; SLRR1B
Protein Families:	Druggable Genome, Secreted Protein



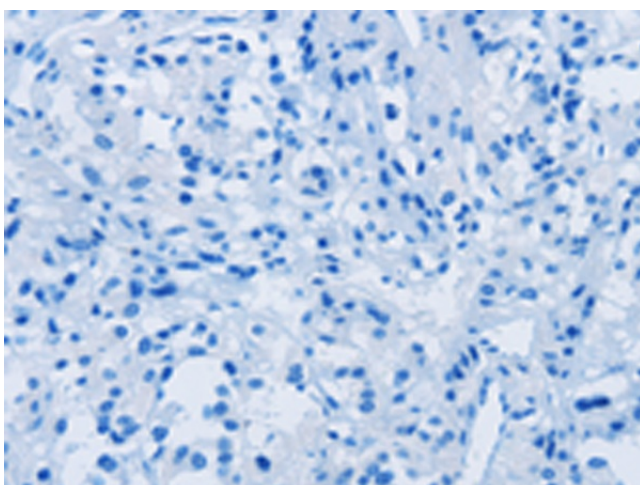
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Protein Pathways: TGF-beta signaling pathway

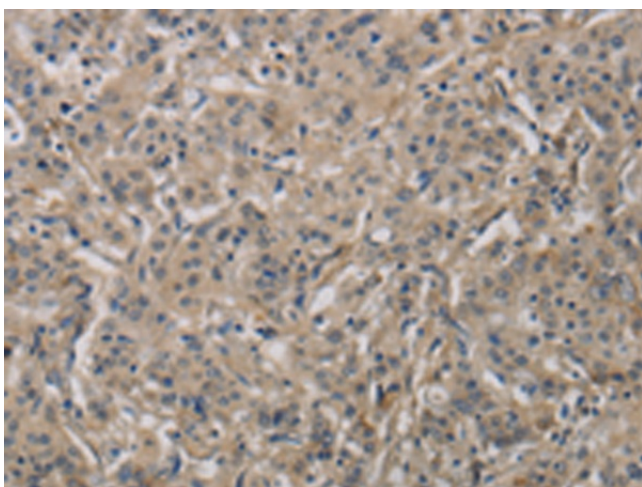
### Product images:



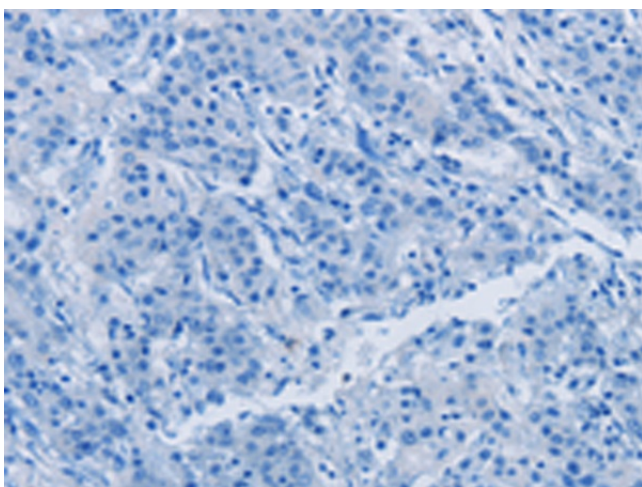
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA349293] (DCN Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA349293] (DCN Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA349293] (DCN Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using [TA349293] (DCN Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )