




Anti-Decorin antibody - N-terminal ab189071

[1 References](#) [1 Image](#)

Overview

Product name	Anti-Decorin antibody - N-terminal
Description	Sheep polyclonal to Decorin - N-terminal
Host species	Sheep
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Rabbit, Horse, Cow, Dog, Pig, Chimpanzee 
Immunogen	Synthetic peptide corresponding to Human Decorin aa 1-100 conjugated to keyhole limpet haemocyanin. NP_001911.1. Database link: P07585 <div>  Run BLAST with  Run BLAST with </div>
Positive control	Human uterus tissue.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.1% Sodium azide Constituent: 99% PBS
Purity	Protein G purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab189071 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 2.5 - 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function

May affect the rate of fibrils formation.

Involvement in disease

Defects in DCN are the cause of congenital stromal corneal dystrophy (CSCD) [MIM:610048]. Corneal dystrophies are inherited, bilateral, primary alterations of the cornea that are not associated with prior inflammation or secondary to systemic disease. Most show autosomal dominant inheritance.

Sequence similarities

Belongs to the small leucine-rich proteoglycan (SLRP) family. SLRP class I subfamily. Contains 12 LRR (leucine-rich) repeats.

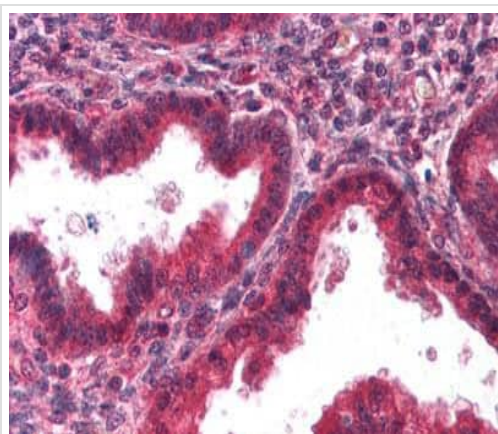
Post-translational modifications

The attached glycosaminoglycan chain can be either chondroitin sulfate or dermatan sulfate depending upon the tissue of origin.

Cellular localization

Secreted > extracellular space > extracellular matrix.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Decorin antibody - N-terminal (ab189071)

Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human uterus (endometrium) tissue labeling Decorin with ab189071 at 5µg/ml followed by biotinylated secondary antibody, alkaline phosphatase-streptavidin and chromogen.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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