

**ARG24005**  
**anti-Collagen XI antibody**Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Collagen XI
Tested Reactivity	Bov
Tested Application	ELISA, ICC/IF, IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Collagen XI
Species	Bovine
Immunogen	Type XI collagen extracted from Bovine cartilage.
Conjugation	Un-conjugated
Alternate Names	STL2; COLL6; CO11A1; Collagen alpha-1(XI) chain

### Application Instructions

Application table	Application	Dilution
	ELISA	1:2000
	ICC/IF	1:40
	IHC-P	1:500
Application Note	IHC-P: Antigen Retrieval: treat sections with 0.5% hyaluronidase at RT for 1hr before staining. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified.
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

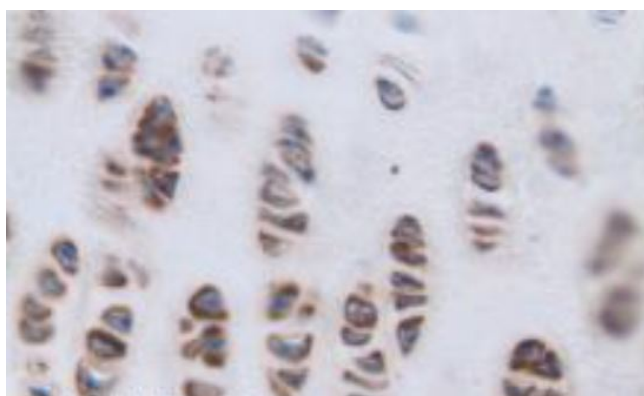
### Bioinformation

Gene Symbol	COL11A1
Gene Full Name	collagen, type XI, alpha 1

Background	This gene encodes one of the two alpha chains of type XI collagen, a minor fibrillar collagen. Type XI collagen is a heterotrimer but the third alpha chain is a post-translationally modified alpha 1 type II chain. Mutations in this gene are associated with type II Stickler syndrome and with Marshall syndrome. A single-nucleotide polymorphism in this gene is also associated with susceptibility to lumbar disc herniation. Multiple transcript variants have been identified for this gene. [provided by RefSeq, Nov 2009]
Function	May play an important role in fibrillogenesis by controlling lateral growth of collagen II fibrils. [UniProt]
Calculated Mw	181 kDa
PTM	<p>Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains.</p> <p>N-glycosylated. [UniProt]</p>
Cellular Localization	Secreted, extracellular space, extracellular matrix. [UniProt]

## Images

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ARG24005 anti-Collagen XI antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Bovine cartilage tissue stained with ARG24005 anti-Collagen XI antibody.