

Product datasheet

Anti-COL12A1 antibody ab196619

2 Images

Overview

Product name	Anti-COL12A1 antibody
Description	Rabbit polyclonal to COL12A1
Host species	Rabbit
Specificity	ab196619 detects endogenous level of total COL12A1 protein.
Tested applications	Suitable for: IHC-P, ICC/IF
Species reactivity	Reacts with: Human, Monkey
Immunogen	Synthetic peptide within Human COL12A1 (internal sequence). The exact sequence is proprietary. Database link: Q99715
Positive control	Human skeletal muscle tissue and monkey COS7 cells.

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: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol, 0.87% Sodium chloride, 49% PBS
Purity	PBS without Mg ²⁺ and Ca ²⁺ Immunogen affinity purified
Purification notes	ab196619 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab196619** in the following tested applications.

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

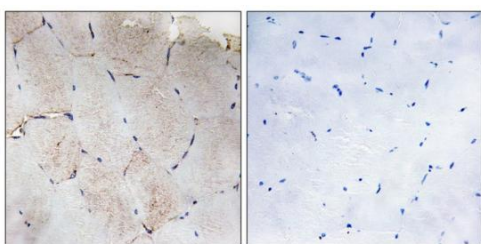
Application	Abreviews	Notes
IHC-P		1/50 - 1/100.
ICC/IF		1/100 - 1/500.

Target

Relevance Type XII collagen interacts with type I collagen-containing fibrils, the COL1 domain could be associated with the surface of the fibrils, and the COL2 and NC3 domains may be localized in the perifrillar matrix.

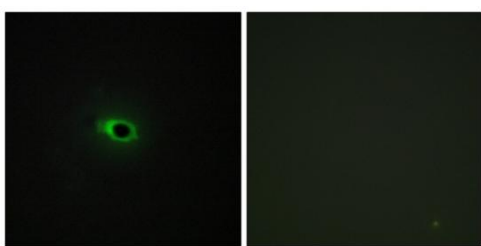
Cellular localization Secreted

Images



Immunohistochemical analysis of paraffin-embedded Human skeletal tissue labeling COL12A1 using ab196619 at a 1/50 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COL12A1 antibody (ab196619)



Immunofluorescence analysis of monkey COS7 cells, labeling COL12A1 using ab196619 at a 1/100 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-COL12A1 antibody (ab196619)

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