

Collagen XII α 1 Antibody

Catalog No: #34213

Package Size: #34213-1 50ul #34213-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

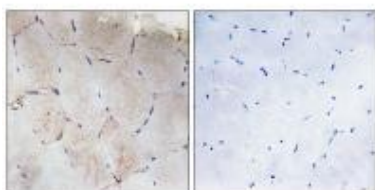
Product Name	Collagen XII α 1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total Collagen XII α 1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Collagen XII α 1.
Target Name	Collagen XII α 1
Other Names	Collagen alpha-1(XII) chain; COCA1;
Accession No.	Swiss-Prot: Q99715NCBI Gene ID: 1303
Uniprot	Q99715
GeneID	1303;
SDS-PAGE MW	333kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:50~1:100

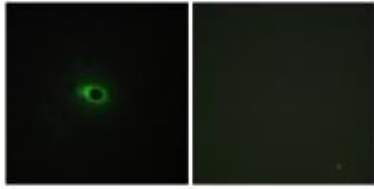
Immunofluorescence: 1:100~1:500

Images



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using Collagen XII α 1 antibody #34213.

Immunofluorescence analysis of COS-7 cells, using Collagen XII α 1 antibody #34213.



Background

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. By similarity.

Gerecke D.R., Genomics 41:236-242(1997).

Mungall A.J., Nature 425:805-811(2003).

Chiquet M., Eur. J. Biochem. 257:362-371(1998).

Note: This product is for in vitro research use only