.-online.com antibodies

Datasheet for ABIN7259440 anti-COL1A1 antibody

Images



Overview

Quantity:	200 µL
Target:	COL1A1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL1A1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthetic peptide of human COL1A1.
Isotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	COL1A1
Alternative Name:	COL1A1 (COL1A1 Products)
Background:	This gene encodes the pro-alpha1 chains of type I collagen whose triple helix comprises two alpha1 chains and one alpha2 chain. Type I is a fibril-forming collagen found in most connective
	tissues and is abundant in bone, cornea, dermis and tendon. Mutations in this gene are associated with osteogenesis imperfecta types I-IV, Ehlers-Danlos syndrome type VIIA, Ehlers-

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7259440 | 09/09/2023 | Copyright antibodies-online. All rights reserved.

Target Details

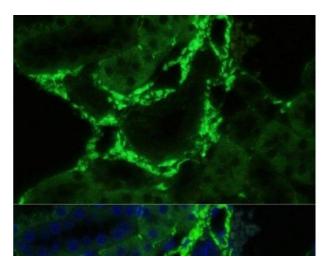
	Danlos syndrome Classical type, Caffey Disease and idiopathic osteoporosis. Reciprocal
	translocations between chromosomes 17 and 22, where this gene and the gene for platelet-
	derived growth factor beta are located, are associated with a particular type of skin tumor
	called dermatofibrosarcoma protuberans, resulting from unregulated expression of the growth
	factor. Two transcripts, resulting from the use of alternate polyadenylation signals, have been
	identified for this gene.
Gene ID:	1277
UniProt:	P02452
Pathways:	Sensory Perception of Sound, Autophagy, Growth Factor Binding

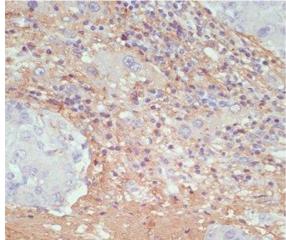
Application Details

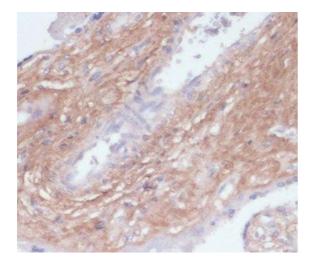
Application Notes:	IHC 1:50-1:200 IF 1:50-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.







Immunofluorescence

Image 1. Immunofluorescence analysis of Mouse kidney using COL1A1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human liver cancer using COL1A1 Polyclonal Antibody at dilution of 1:200 (40x lens).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human placenta using COL1A1 Polyclonal Antibody at dilution of 1:200 (40x lens).

Please check the product details page for more images. Overall 7 images are available for ABIN7259440.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7259440 | 09/09/2023 | Copyright antibodies-online. All rights reserved.