Datasheet for ABIN7637217

anti-COL10 antibody

Go to Product page

Overview

Quantity:	100 µL
Target:	COL10
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Collagen Type X (COL10)
Immunogen:	RPC156Bo01Recombinant Collagen Type X (COL10)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against COL10. It has been selected for its ability to recognize COL10 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	COL10
Alternative Name:	COL10 (COL10 Products)

Target Details

Background:	COL10A1, COL10-A1, Schmid Metaphyseal Chondrodysplasia, Collagen Alpha-1(X)chain
UniProt:	P23206

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochemistry: 5-20 µg/mL,Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.46 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	ProClin, Sodium azide
Precaution of Use:	This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.