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Datasheet for ABIN7112988 **anti-COL10A1 antibody**

Overview

Quantity:	100 µg
Target:	COL10A1
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL10A1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Collagen alpha-1(X) chain
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	COL10A1
Alternative Name:	COL10A1 (COL10A1 Products)
Background:	Synonyms:COL10A1, collagen alpha-1(X) chain Background:This gene encodes the alpha chain of type X collagen, a short chain collagen expressed by hypertrophic chondrocytes during endochondral ossification. Unlike type VIII collagen, the other short chain collagen, type X collagen is a homotrimer. Mutations in this gene are associated with Schmid type metaphyseal

Target Details

	chondrodysplasia (SMCD) and Japanese type spondylometaphyseal dysplasia (SMD).
Molecular Weight:	30 kDa
Gene ID:	1300
UniProt:	Q03692

Application Details

Application Notes:	WB: 1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months