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Datasheet for ABIN7443410
anti-COL16 antibody (AA 1434-1604)

2 Images

Overview

Quantity:	100 µL
Target:	COL16
Binding Specificity:	AA 1434-1604
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL16 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Collagen Type XVI (COL16)
Immunogen:	Recombinant Collagen Type XVI (COL16) corresponding to Val1434~Gly1604 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against COL16. It has been selected for its ability to recognize COL16 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

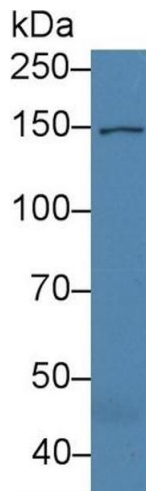
Target:	COL16
Alternative Name:	Collagen Type XVI (COL16 Products)
Background:	COL16A1, COL16-A1, Collagen Alpha-1(XVI)chain

Application Details

Application Notes:	Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 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

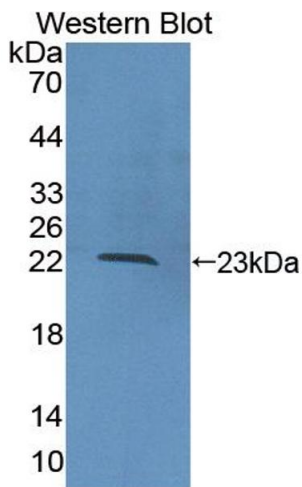
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE 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.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of COL16 in Human Serum using Polyclonal Antibody to Collagen Type XVI (COL16)



Western Blotting

Image 2. Detection of Recombinant COL16, Human using Polyclonal Antibody to Collagen Type XVI (COL16)