

Datasheet for ABIN7431212
anti-COL4A1 antibody (AA 1416-1669)



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Overview

Quantity:	100 µL
Target:	COL4A1
Binding Specificity:	AA 1416-1669
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL4A1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Collagen Type IV Alpha 1 (COL4a1)
Immunogen:	Recombinant Collagen Type IV Alpha 1 (COL4a1) corresponding to Pro1416~Thr1669
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against COL4a1. It has been selected for its ability to recognize COL4a1 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	COL4A1
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Target Details

Alternative Name:	Collagen Type IV Alpha 1 (COL4A1 Products)
Background:	COL4-A1, Arresten, Collagen Alpha-1(IV)chain
Pathways:	Skeletal Muscle Fiber Development , Growth Factor Binding

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:250-2500 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 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