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Datasheet for ABIN7295324
anti-COL4A1 antibody (N-Term)

2 Images

Overview

Quantity:	100 µL
Target:	COL4A1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Chicken, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL4A1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Collagen 4 alpha 1.
Specificity:	Recognizes endogenous levels of Collagen 4 alpha 1 protein.
Characteristics:	Rabbit polyclonal antibody to Collagen 4 alpha 1
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	COL4A1
Alternative Name:	Collagen 4 alpha 1 (COL4A1 Products)
Background:	Collagen alpha-1(IV) chain

Target Details

Gene ID:	1282, 12826
UniProt:	P02462 , P02463
Pathways:	Skeletal Muscle Fiber Development , Growth Factor Binding

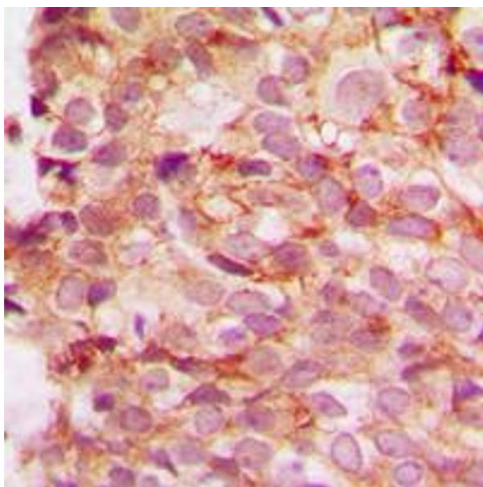
Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

Handling

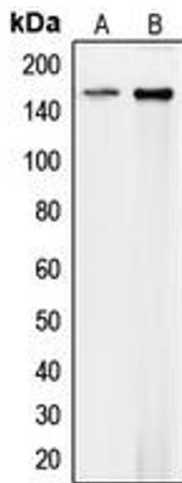
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Immunohistochemical analysis of Collagen 4 alpha 1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of Collagen 4 alpha 1 expression in HEK293T (A), mouse endothelial (B) whole cell lysates.