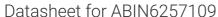
antibodies - online.com







anti-COL5A1 antibody (Internal Region)





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Target:

Quantity:	100 μL
Target:	COL5A1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL5A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF),
	Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human Collagen V alpha 1, corresponding to a region within
	the internal amino acids.
Isotype:	IgG
Specificity:	Collagen V alpha 1 Antibody detects endogenous levels of total Collagen V alpha 1.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling
	Resin (Thermo Fisher Scientific).

COL5A1

Target Details

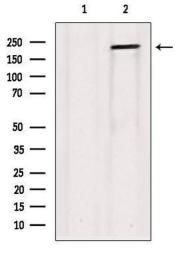
Alternative Name:	COL5A1 (COL5A1 Products)	
Background:	Description: Type V collagen is a member of group I collagen (fibrillar forming collagen). It is a minor connective tissue component of nearly ubiquitous distribution. Type V collagen binds to DNA, heparan sulfate, thrombospondin, heparin, and insulin. Gene: COL5A1	
Molecular Weight:	200 kDa	
Gene ID:	1289	
UniProt:	P20908	
Pathways:	Growth Factor Binding	

Application Details

Application Notes:	WB 1:500-1:1000, IHC: 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

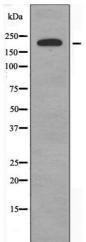
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



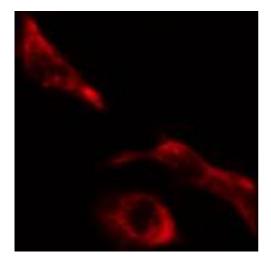
Western Blotting

Image 1. Western blot analysis of extracts from Hela, using Collagen V $\alpha 1$ Antibody. Lane 1 was treated with the blocking peptide.



Western Blotting

Image 2. Western blot analysis of extracts from HeLa cells, using Collagen V $\alpha 1$ antibody.



Immunofluorescence (fixed cells)

Image 3. ABIN6274623 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibody.

Please check the product details page for more images. Overall 4 images are available for ABIN6257109.