

For Research Use Only

COL5A3 Polyclonal antibody

Catalog Number: 30204-1-AP



Basic Information

Catalog Number: 30204-1-AP	GenBank Accession Number: NM_015719	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 50509	Recommended Dilutions: WB 1:500-1:2000 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: P25940	
Isotype: IgG	Full Name: collagen, type V, alpha 3	
Immunogen Catalog Number: AG30705	Calculated MW: 172 kDa	
	Observed MW: 145 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : A549 cells, HEK-293T cells IF/ICC : HUVEC cells,

Background Information

COL5A3 (Collagen type V alpha 3) belongs to the fibrillar collagen family. Type V collagen (COLV) is a member of a group I collagen (fibrillar forming collagen) and has three varieties of α chains: $\alpha 1$ (COL5A1), $\alpha 2$ (COL5A2), and $\alpha 3$ (COL5A3). COLV is a minor connective tissue component of nearly ubiquitous distribution. It binds to DNA, heparan sulfate, thrombospondin, heparin, and insulin. This antibody is specific to COL5A3.

Storage

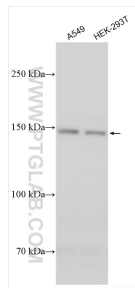
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

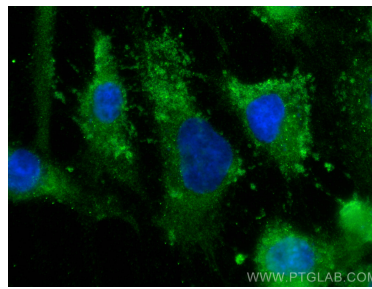
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30204-1-AP (COL5A3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HUVEC cells using COL5A3 antibody (30204-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).