

For Research Use Only

COL5A3 Polyclonal antibody

Catalog Number: 30204-1-AP



Basic Information

Catalog Number:

30204-1-AP

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30705

GenBank Accession Number:

NM_015719

GeneID (NCBI):

50509

UNIPROT ID:

P25940

Full Name:

collagen, type V, alpha 3

Calculated MW:

172 kDa

Observed MW:

145 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

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: α 1 (COL5A1), α 2 (COL5A2), and α 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

For technical support and original validation data for this product please contact:

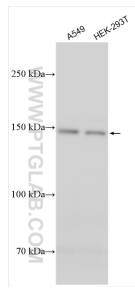
T: 4006900926

E: Proteintech-CN@ptglab.com

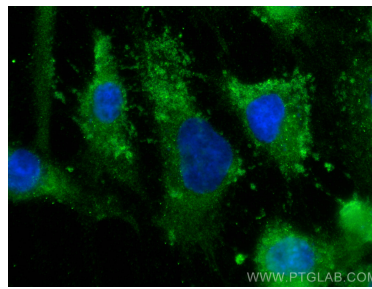
W: ptgcn.com

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).