

For Research Use Only

# COL5A3 Polyclonal antibody

Catalog Number: 30204-1-AP



## Basic Information

<b>Catalog Number:</b> 30204-1-AP	<b>GenBank Accession Number:</b> NM_015719	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1000 $\mu$ g/ml	<b>GeneID (NCBI):</b> 50509	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P25940	
<b>Isotype:</b> IgG	<b>Full Name:</b> collagen, type V, alpha 3	
<b>Immunogen Catalog Number:</b> AG30705	<b>Calculated MW:</b> 172 kDa	
	<b>Observed MW:</b> 145 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : A549 cells, HEK-293T cells
<b>Species Specificity:</b> Human	

## 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  $\alpha$  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  $-20^{\circ}\text{C}$ . Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for  $-20^{\circ}\text{C}$  storage

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

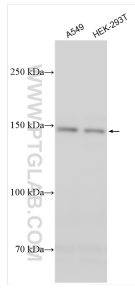
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## Selected Validation Data



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.