

# COL4A5 Polyclonal Antibody

Catalog No: #31742



Package Size: #31742-1 50ul #31742-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

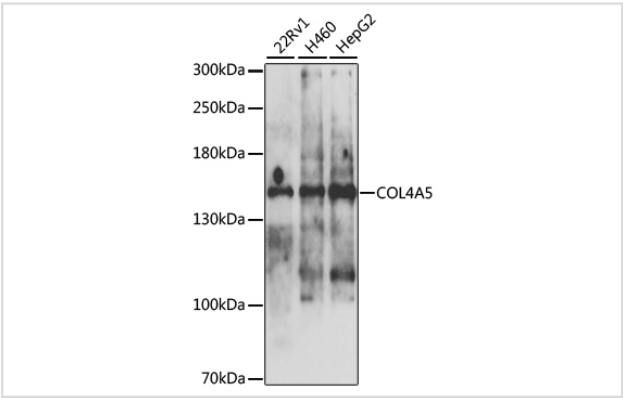
## Description

Product Name	COL4A5 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human
Immunogen Description	Recombinant fusion protein of human COL4A5 (NP_203699.1).
Other Names	COL4A5; ASLN; ATS; CA54; collagen alpha-5(IV) chain
Accession No.	Swiss-Prot#:P29400NCBI Gene ID:1287
Uniprot	P29400
GeneID	1287;
Calculated MW	161kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

## Application Details

WB 1:500 - 1:2000

## Images



Western blot analysis of extracts of various cell lines, using COL4A5 at 1:1000 dilution.

## Background

This gene encodes one of the six subunits of type IV collagen, the major structural component of basement membranes. Mutations in this gene are associated with X-linked Alport syndrome, also known as hereditary nephritis. Like the other members of the type IV collagen gene family, this gene is organized in a head-to-head conformation with another type IV collagen gene so that each gene pair shares a common promoter. Alternatively spliced transcript variants have been identified for this gene.

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Note: This product is for in vitro research use only