

Rabbit anti-Human COL4A5 Polyclonal Antibody | anti-COL4A5 antibody

COL4A5 Polyclonal Antibody

CATALOG # AAA172648	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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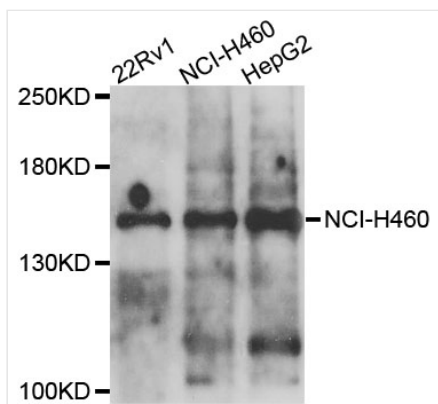
PRODUCT SYNONYMS

COL4A5; Polyclonal Antibody; COL4A5 Polyclonal Antibody; Arresten; CO4A1_HUMAN; COL4A1; COL4A1 NC1 domain; COL4A2; COL4A3; COL4A4; collagen alpha-1(IV) chain; Collagen IV Alpha 1 Polypeptide; Collagen IV Alpha 2 Polypeptide; Collagen Of Basement Membrane Alpha 1 Chain; Collagen Of Basement Membrane Alpha 2 Chain; Collagen Type IV Alpha 1; Collagen Type IV Alpha 2; Collagen Type IV Alpha 3; Collagen Type IV Alpha 4; Collagen Type IV Alpha 5; Collagen Type IV; anti-COL4A5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.4
Concentration	1mg/ml (varies by lot)
Sequence Length	1685
Applicable Applications for anti-COL4A5 antibody	WB (Western Blot)
Immunogen	Recombinant protein of human COL4A5
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-11360
Preparation and Storage	Store at -20°C. Avoid freeze/ thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of various cells, using COL4A5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-COL4A5 antibody	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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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502955
NCBI GeneID	1287
NCBI Accession #	NP_000486.1
NCBI GenBank Nucleotide #	NM_000495.4
UniProt Accession #	P29400; Q16006; Q16126; Q6LD84; Q7Z700; Q9NUB7
Molecular Weight	Calculated MW: 161 kDa Observed MW: 161 kDa
NCBI Official Full Name	collagen alpha-5(IV) chain isoform 1
NCBI Official Synonym Full Names	collagen type IV alpha 5 chain
NCBI Official Symbol	COL4A5
NCBI Official Synonym Symbols	ATS; ASLN; CA54
NCBI Protein Information	collagen alpha-5(IV) chain
UniProt Protein Name	Collagen alpha-5(IV) chain
UniProt Gene Name	COL4A5
UniProt Entry Name	CO4A5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/col4a5-antibody-western-blot-elisa/172648>