

Rabbit Collagen IV Polyclonal Antibody | anti-COL4A2 antibody

Anti-Collagen IV antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45113	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Collagen IV; Polyclonal Antibody; Anti-Collagen IV antibody; Collagen alpha-2(IV) chain; collagen; type IV; alpha 2; Arresten antibody; Canstatin antibody; CO4A1_HUMAN antibody; COL4A1 antibody; COL4A1 NC1 domain antibody; COL4A2 antibody; COL4A3 antibody; COL4A4 antibody; COL4A5 antibody; Collagen Alpha 1(IV) Chain antibody; Collagen Alpha 2(IV) Chain antibody; collagen alpha-1(IV) chain antibody; Collagen IV Alpha 1 Polypeptide antibody; Collagen IV Alpha 2 Polypeptide antibody; Collagen Of Basement Membrane Alpha 1 Chain antibody; Collagen Of Basement Membrane Alpha 2 Chain antibody; Collagen Type IV Alpha 1 antibody; Collagen Type IV Alpha 2 antibody; Collagen Type IV Alpha 3 antibody; Collagen Type IV Alpha 4 antibody; Collagen Type IV Alpha 5 antibody; DKFZp686l142l3 antibody; FLJ22259 antibody; anti-COL4A2 antibody

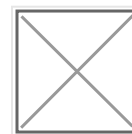
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	1712
Applicable Applications for anti-COL4A2 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Collagen IV (1697-1712aa LIRTHISRCQVCMKNL), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


IHC (Immunohistochemistry)

Anti-Collagen IV antibody, AAA45113, IHC(P)IHC(P): Mouse Lung Tissue


IHC (Immunohistochemistry)

Anti-Collagen IV antibody, AAA45113, IHC(F)IHC(F): Rat Kidney Tissue

**WB (Western Blot)**

Anti-Collagen IV antibody, AAA45113, Western blottingLane 1: Rat Kidney Tissue LysateLane 2: Rat Lung Tissue Lysate

ADDITIONAL INFORMATION**Related Product Information for anti-COL4A2 antibody**

Description: Rabbit IgG polyclonal antibody for Collagen alpha-2(IV) chain(COL4A2) detection. Tested with WB, IHC-P, IHC-F, ICC in Human, Mouse, Rat.

Background: Canstatin, a cleavage product corresponding to the collagen alpha 2(IV) NC1 domain, possesses both anti-angiogenic and anti-tumor cell activity. It inhibits proliferation and migration of endothelial cells, reduces mitochondrial membrane potential, and induces apoptosis. Specifically induces Fas-dependent apoptosis and activates procaspase-8 and -9 activity. Ligand for alphavbeta3 and alphavbeta5 integrins.

NCBI AND UNIPROT INFORMATION

NCBI GI #	143811377
NCBI GeneID	1284
UniProt Accession #	P08572; Q14052; Q548C3; Q5VZA9; Q66K23
Molecular Weight	167,553 Da
NCBI Official Full Name	Collagen alpha-2(IV) chain
NCBI Official Synonym Full Names	collagen, type IV, alpha 2
NCBI Official Symbol	COL4A2
NCBI Official Synonym Symbols	ICH; POREN2
NCBI Protein Information	collagen alpha-2(IV) chain; collagen alpha-2(IV) chain; canstatin
UniProt Protein Name	Collagen alpha-2(IV) chain
UniProt Gene Name	COL4A2
UniProt Entry Name	CO4A2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/collagen-iv-antibody-immunocytochemistry-immunohistochemistry-immunohistochemistry-western-blot-elisa/45113>