

Rabbit anti-Human, Mouse Collagen Type IV Alpha 2 Polyclonal Antibody | anti-COL4a2 antibody

Polyclonal Antibody to Collagen Type IV Alpha 2 (COL4a2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA141835	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

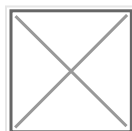
PRODUCT SYNONYMS

Collagen Type IV Alpha 2; Polyclonal Antibody; Polyclonal Antibody to Collagen Type IV Alpha 2 (COL4a2); anti-COL4a2 antibody

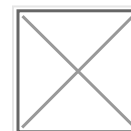
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against COL4a2. It has been selected for its ability to recognize COL4a2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	0.52mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal His-tag and a T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRGE F-SIGYLLVK HSQTDQEPMC PVGMNKLWSG YSLYFEGQE KAHNQDLGLA GSCLARFSTM PFLYCNPGDV CYYASRNDKS YWLSTTAPLP MMPVAEDEIK PYISRCSVCE APAIAVHS QDVSIPHCPA GWRSLWIGYS FLMHTAAGDE GGGQSLVSPG SCLEDFRATP FIECNGGRGT CHYYANKYSF WLTITPEQSF QGSPSADTLK AGLIRTHIS
Applicable Applications for anti-COL4a2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	COL4a2 (Ser1487~Ser1703)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant COL4a2 (Ser1487~Ser1703) expressed in E. coli.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116256354
NCBI GeneID	1284
NCBI Accession #	NP_001837.2
NCBI GenBank Nucleotide #	NM_001846.3
UniProt Accession #	P08572; Q14052; Q548C3; Q5VZA9; Q66K23
Molecular Weight	167,553 Da
NCBI Official Full Name	collagen alpha-2(IV) chain preproprotein
NCBI Official Synonym Full Names	collagen type IV alpha 2 chain
NCBI Official Symbol	COL4A2
NCBI Official Synonym Symbols	ICH; POREN2
NCBI Protein Information	collagen alpha-2(IV) chain
UniProt Protein Name	Collagen alpha-2(IV) chain
UniProt Gene Name	COL4A2

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/collagen-type-iv-alpha-2-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/141835>