

Rabbit Collagen Type IV alpha 3 Polyclonal Antibody | anti-COL4A3 antibody

Collagen Type IV alpha 3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108380	Rabbit	Reacts with: Human Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Mouse, Rabbit, Rat.	Immunoprecipitation, Western Blot

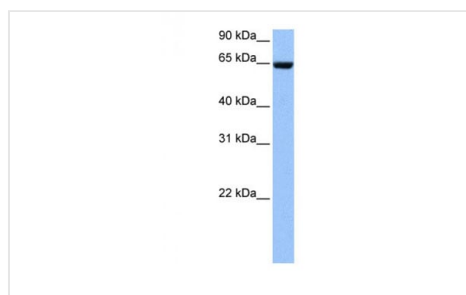
PRODUCT SYNONYMS

Collagen Type IV alpha 3; Polyclonal Antibody; Collagen Type IV alpha 3 antibody; Polyclonal Collagen Type IV alpha 3; Anti-Collagen Type IV alpha 3; CERT; Arresten; CERTL; Canstatin; COL4A3BP; FLJ20597; STARD11; Goodpasture Antigen Binding Protein; GPBP; Collagen Of Basement Membrane Alpha 3 Chain; anti-COL4A3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with: Human Predicted Species Reactivity: Cow, Dog, Guinea Pig, Horse, Mouse, Rabbit, Rat.
Clonality	Polyclonal
Purity/Purification	Affinity purified
Form/Format	Purified antibody supplied as a liquid in PBS, with 0.09% NaN3 and 2% Sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	199
Applicable Applications for anti-COL4A3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Biological Significance	This gene encodes a kinase that specifically phosphorylates the N-terminal region of the non-collagenous domain of the alpha 3 chain of type IV collagen, known as the Goodpasture antigen. Goodpasture disease is the result of an autoimmune response directed at this antigen. One isoform of this protein is also involved in ceramide intracellular transport. Two transcripts exist for this gene.
Cross-Reactivity	Human
Immunogen	Collagen Type IV alpha 3 antibody was raised using a synthetic peptide corresponding to a region with amino acids PPVERCGVLSKWTNYIHGWQDRWVVLKNNALSYKSEDETEYGCRGSICL
Preparation and Storage	4 degree C short term, -20 degree C long term. Avoid repeat freeze-thaws.

IMAGES



WB (Western Blot)

Collagen Type IV alpha 3 antibody (AAA108380) used at 1 ug/ml to detect target protein.

ADDITIONAL INFORMATION

Related Product Information for anti-COL4A3 antibody	Rabbit polyclonal Collagen Type IV alpha 3 antibody
Product Categories/Family for anti-COL4A3 antibody	Cell Biology; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	409107
NCBI GeneID	1285
Molecular Weight	68 kDa (MW of target protein)
NCBI Official Full Name	collagen type IV alpha 3, partial
NCBI Official Synonym Full Names	collagen, type IV, alpha 3 (Goodpasture antigen)
NCBI Official Symbol	COL4A3
NCBI Protein Information	collagen alpha-3(IV) chain
UniProt Protein Name	Collagen alpha-3(IV) chain
UniProt Gene Name	COL4A3
UniProt Entry Name	CO4A3_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/collagen-type-iv-alpha-3-antibody-immunoprecipitation-western-blot-elisa/108380>