

Rabbit Collagen 4 alpha 6 Polyclonal Antibody | anti-COL4A6 antibody

Anti-Collagen 4 alpha 6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260705	Rabbit	Human, Rat, Monkey	Immunocytochemistry, Immunofluorescence, Western Blot

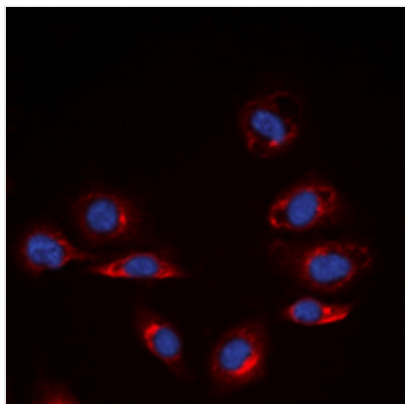
PRODUCT SYNONYMS

Collagen 4 alpha 6; Polyclonal Antibody; Anti-Collagen 4 alpha 6 Antibody; Collagen alpha-6(IV) chain; anti-COL4A6 antibody

PRODUCT SPECIFICATIONS

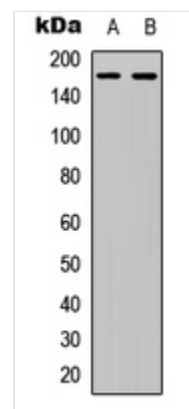
Host	Rabbit
Reactivity	Human, Rat, Monkey
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Collagen 4 alpha 6 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	1691
Applicable Applications for anti-COL4A6 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Collagen 4 alpha 6. The exact sequence is proprietary.
Preparation and Storage	Shipped and store at 4 degree C for one year. Do not freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Collagen 4 alpha 6 staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of Collagen 4 alpha 6 expression in K562 (A), rat heart (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-COL4A6 antibody	Rabbit polyclonal antibody to Collagen 4 alpha 6
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116241307
NCBI GeneID	1288
UniProt Accession #	Q14031; Q12823; Q14053; Q5JYH6; Q5JYH8; Q9NQM5; Q9NTX3; Q9UJ76; Q9UMG6; Q9Y4L4
Molecular Weight	163,629 Da
NCBI Official Full Name	Collagen alpha-6(IV) chain
NCBI Official Synonym Full Names	collagen type IV alpha 6
NCBI Official Symbol	COL4A6
NCBI Official Synonym Symbols	DFNX6; DELXq22.3; CXDELq22.3
NCBI Protein Information	collagen alpha-6(IV) chain
UniProt Protein Name	Collagen alpha-6(IV) chain
UniProt Gene Name	COL4A6
UniProt Entry Name	CO4A6_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-4-alpha-6-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/260705>