

Rabbit Collagen 5 alpha 3 Polyclonal Antibody | anti-COL5A3 antibody

Rabbit anti-Collagen 5 alpha 3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220926	Rabbit	Human, Monkey	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

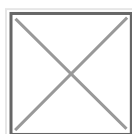
PRODUCT SYNONYMS

Collagen 5 alpha 3; Polyclonal Antibody; Rabbit anti-Collagen 5 alpha 3 Antibody; Collagen alpha-3(V) chain; anti-COL5A3 antibody

PRODUCT SPECIFICATIONS

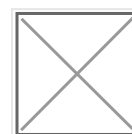
Host	Rabbit
Reactivity	Human, Monkey
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-COL5A3 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Collagen 5 alpha 3. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



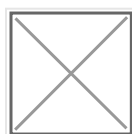
IF (Immunofluorescence)

Immunofluorescent analysis of Collagen 5 alpha 3 staining in HuvEc 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).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Collagen 5 alpha 3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Collagen 5 alpha 3 expression in Jurkat (A), HuvEc (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-COL5A3 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110735435
NCBI GeneID	50509
NCBI Accession #	NP_056534.2
NCBI GenBank Nucleotide #	NM_015719.3
UniProt Accession #	P25940; Q9NZQ6
Molecular Weight	172,121 Da
NCBI Official Full Name	collagen alpha-3(V) chain preproprotein
NCBI Official Synonym Full Names	collagen, type V, alpha 3
NCBI Official Symbol	COL5A3
NCBI Protein Information	collagen alpha-3(V) chain; collagen alpha-3(V) chain; pro-(alpha)3(V) collagen
UniProt Protein Name	Collagen alpha-3(V) chain
UniProt Gene Name	COL5A3
UniProt Entry Name	CO5A3_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-5-alpha-3-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/220926>