

Rabbit Collagen 11 alpha 1 Polyclonal Antibody | anti-COL11A1 antibody

Anti-Collagen 11 alpha 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104836	Rabbit	Human, Mouse, Rat, Bovine	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Collagen 11 alpha 1; Polyclonal Antibody; Anti-Collagen 11 alpha 1 Antibody; COLL6; Collagen alpha-1(XI) chain; anti-COL11A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Collagen 11 alpha 1 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	1767
Applicable Applications for anti-COL11A1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Source	Rabbit
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Collagen 11 alpha 1. The exact sequence is proprietary.
Preparation and Storage	Aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of Collagen 11 alpha 1 expression in CT26 (A) whole cell lysates.
(Predicted band size: 181 kD; Observed band size: 150 kD)



IF (Immunofluorescence)

Immunofluorescent analysis of Collagen 11 alpha 1 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 degree 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 11 alpha 1 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 11 alpha 1 expression in K562 (A), Saos2 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-COL11A1 antibody

Rabbit polyclonal antibody to Collagen 11 alpha 1

NCBI AND UNIPROT INFORMATION

NCBI GI #	299523257
NCBI GeneID	1301
NCBI Accession #	NP_001177638.1
NCBI GenBank Nucleotide #	NM_001190709.1
UniProt Accession #	P12107; Q14034; Q149N0; Q9UIT4; Q9UIT5; Q9UIT6; B1ASK7; D3DT73; E9PCU0
NCBI Official Full Name	collagen alpha-1(XI) chain isoform E preproprotein
NCBI Official Synonym Full Names	collagen, type XI, alpha 1
NCBI Official Symbol	COL11A1
NCBI Official Synonym Symbols	STL2; COLL6; CO11A1
NCBI Protein Information	collagen alpha-1(XI) chain; collagen alpha-1(XI) chain; collagen XI, alpha-1 polypeptide
UniProt Protein Name	Collagen alpha-1(XI) chain
UniProt Gene Name	COL11A1
UniProt Synonym Gene Names	COLL6
UniProt Entry Name	COBA1_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-11-alpha-1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104836>