

Rabbit Collagen 20 alpha 1 Polyclonal Antibody | anti-COL20A1 antibody

Anti-Collagen 20 alpha 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104358	Rabbit	Human, Chicken	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

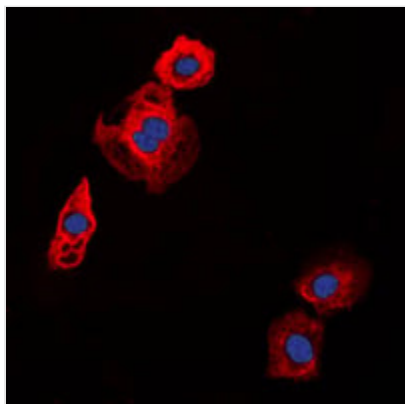
PRODUCT SYNONYMS

Collagen 20 alpha 1; Polyclonal Antibody; Anti-Collagen 20 alpha 1 Antibody; KIAA1510; Collagen alpha-1(XX) chain; anti-COL20A1 antibody

PRODUCT SPECIFICATIONS

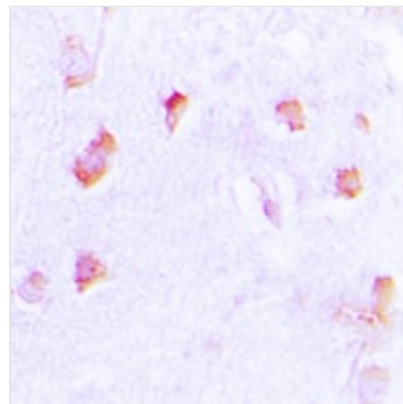
Host	Rabbit
Reactivity	Human, Chicken
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Collagen 20 alpha 1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	1284
Applicable Applications for anti-COL20A1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Collagen 20 alpha 1. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



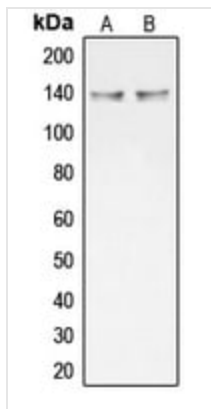
IF (Immunofluorescence)

Immunofluorescent analysis of Collagen 20 alpha 1 staining in HT29 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 20 alpha 1 staining in human brain 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 20 alpha 1 expression in HT29 (A), NCIH292 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-COL20A1 antibody	Rabbit polyclonal antibody to Collagen 20 alpha 1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112734845
NCBI GeneID	57642
NCBI Accession #	NP_065933.2
NCBI GenBank Nucleotide #	NM_020882.2
UniProt Accession #	Q9P218; Q4VXQ4; Q6PI59; Q8WUT2; Q96CY9; Q9BQU6; Q9BQU7
Molecular Weight	138,781 Da
NCBI Official Full Name	collagen alpha-1(XX) chain
NCBI Official Synonym Full Names	collagen, type XX, alpha 1
NCBI Official Symbol	COL20A1
NCBI Official Synonym Symbols	bA261N11.4
NCBI Protein Information	collagen alpha-1(XX) chain; collagen alpha-1(XX) chain; collagen-like protein
UniProt Protein Name	Collagen alpha-1(XX) chain
UniProt Gene Name	COL20A1
UniProt Synonym Gene Names	KIAA1510
UniProt Entry Name	COKA1_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.