

Rabbit anti-Human Collagen 25 alpha 1 Polyclonal Antibody | anti-COL25A1 antibody

Anti-Collagen 25 alpha 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265142	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

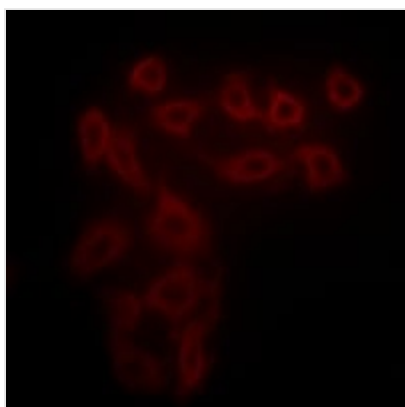
PRODUCT SYNONYMS

Collagen 25 alpha 1; Polyclonal Antibody; Anti-Collagen 25 alpha 1 Antibody; anti-COL25A1 antibody

PRODUCT SPECIFICATIONS

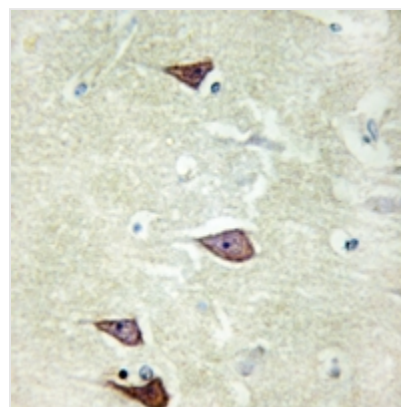
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Collagen 25 alpha 1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-COL25A1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Collagen 25 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



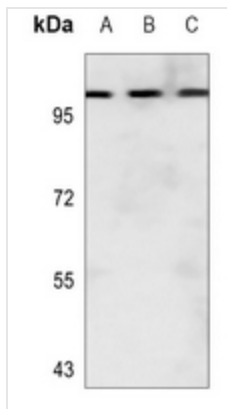
IF (Immunofluorescence)

Immunofluorescent analysis of Collagen 25 alpha 1 staining in HepG2 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 AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Collagen 25 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 25 alpha 1 expression in HEK293T (A), HCT116 (B), HuT78 (C) whole cell lysates. (Predicted band size: 64 kD; Observed band size: 110 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-COL25A1 antibody	Rabbit polyclonal antibody to Collagen 25 alpha 1
Product Categories/Family for anti-COL25A1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	38570073
NCBI GeneID	84570
NCBI Accession #	NP_115907.2
NCBI GenBank Nucleotide #	NM_032518.2
UniProt Accession #	Q9BXS0 ; Q9BXR9 ; A8MPZ6
Molecular Weight	64,771 Da
NCBI Official Full Name	collagen alpha-1(XXV) chain isoform 2
NCBI Official Synonym Full Names	collagen, type XXV, alpha 1
NCBI Official Symbol	COL25A1
NCBI Official Synonym Symbols	AMY; CLAC; CLACP; CLAC-P
NCBI Protein Information	collagen alpha-1(XXV) chain; collagen alpha-1(XXV) chain; alzheimer disease amyloid-associated protein; collagenous Alzheimer amyloid plaque component; collagen-like Alzheimer amyloid plaque component
UniProt Protein Name	Collagen alpha-1(XXV) chain
UniProt Gene Name	COL25A1
UniProt Synonym Gene Names	AMY; CLAC
UniProt Entry Name	COPA1_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.