

anti-Human Collagen IV alpha3 Antibody | anti-COL4A3 antibody

Collagen IV alpha3 Antibody

CATALOG # AAA109050	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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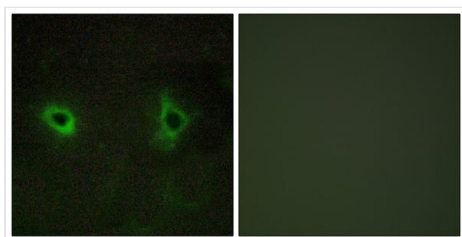
PRODUCT SYNONYMS

Collagen IV alpha3; Collagen IV alpha3 Antibody; Collagen alpha-3(IV) chain; Goodpasture antigen; Tumstatin; CO4A3; anti-COL4A3 antibody

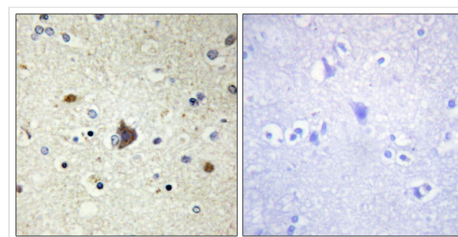
PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Collagen IV alpha3 antibody detects endogenous levels of total Collagen IV alpha3 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1670
Applicable Applications for anti-COL4A3 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human Collagen IV alpha3.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



IHC (Immunohistochemistry)
Peptide-+ Immunohistochemistry analysis of paraffin-embedded human brain tissue using Collagen IV alpha3 antibody. Immunofluorescence analysis of COS-7 cells, using Collagen IV alpha3 antibody.



Application Data
Peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-COL4A3 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Mariyama M., J. Biol. Chem. 269:23013-23017(1994). Heidet L., J. Am. Soc. Nephrol. 12:97-106(2001). Hillier L.W., Nature 434:724-731(2005).

NCBI AND UNIPROT INFORMATION

NCBI GI #	89142730
NCBI GeneID	1285

NCBI Accession #	NP_000082.2
NCBI GenBank Nucleotide #	NM_000091.4
UniProt Accession #	Q01955; Q53QQ1; Q53R14; Q53RW8; Q9BQT2; Q9NYC4; Q9UDJ9; Q9UDK9; Q9UDL0; Q9UDL1
Molecular Weight	135,079 Da
NCBI Official Full Name	collagen alpha-3(IV) chain
NCBI Official Synonym Full Names	collagen type IV alpha 3 chain
NCBI Official Symbol	COL4A3
NCBI Protein Information	collagen alpha-3(IV) chain
UniProt Protein Name	Collagen alpha-3(IV) chain
UniProt Gene Name	COL4A3

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/col4a3-human-antibody/collagen-iv-alpha3/109050>