

Rabbit anti-Human, Mouse Collagen IV alpha5 Polyclonal Antibody | anti-COL4A5 antibody

Collagen IV alpha5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306451	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry

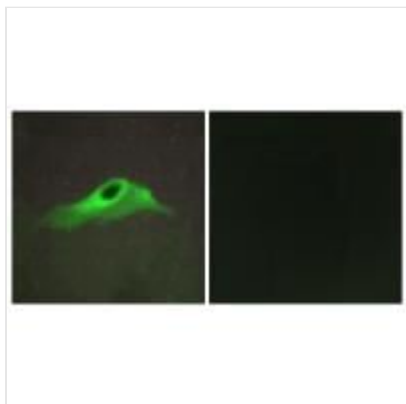
PRODUCT SYNONYMS

Collagen IV alpha5; Polyclonal Antibody; Collagen IV alpha5 Antibody; Collagen IV a5 Antibody; Collagen alpha-5(IV) chain; CO4A5; anti-COL4A5 antibody

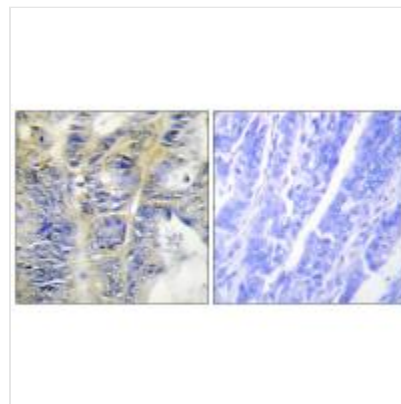
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Collagen IV a5 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	1685
Applicable Applications for anti-COL4A5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Collagen IV a5.
Target Name	Collagen IV a5
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Collagen IV a5 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Collagen IV a5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-COL4A5 antibody	Type IV collagen is the major structural component of glomerular basement membranes (GBM), forming a 'chicken-wire' meshwork together with laminins, proteoglycans and entactin/nidogen.Zhou J., J. Biol. Chem. 269:6608-6614(1994).Guo C., Kidney Int. 44:1316-1321(1993).Nakazato H., Kidney Int. 46:1307-1314(1994).
Product Categories/Family for anti-COL4A5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502955
NCBI GeneID	1287
NCBI Accession #	NP_000486.1
NCBI GenBank Nucleotide #	NM_000495.4
UniProt Accession #	P29400; Q16006; Q16126; Q6LD84; Q7Z700; Q9NUB7
Molecular Weight	161,632 Da
NCBI Official Full Name	collagen alpha-5(IV) chain isoform 1
NCBI Official Synonym Full Names	collagen, type IV, alpha 5
NCBI Official Symbol	COL4A5
NCBI Official Synonym Symbols	ATS; ASLN; CA54
NCBI Protein Information	collagen alpha-5(IV) chain
UniProt Protein Name	Collagen alpha-5(IV) chain
UniProt Gene Name	COL4A5
UniProt Entry Name	CO4A5_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.