

Rabbit anti-Human Collagen IV alpha4 Polyclonal Antibody | anti-COL4A4 antibody

Collagen IV alpha4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA317701	Rabbit	Human	ELISA, Immunofluorescence, Immunohistochemistry

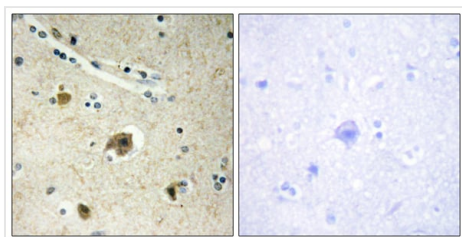
PRODUCT SYNONYMS

Collagen IV alpha4; Polyclonal Antibody; Collagen IV alpha4 Antibody; Collagen alpha-4(IV) chain; COL4A4; CO4A4; anti-COL4A4 antibody

PRODUCT SPECIFICATIONS

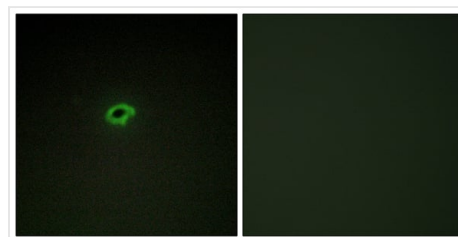
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Collagen IV alpha4 Antibody detects endogenous levels of total Collagen IV alpha4 protein.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1,690
Applicable Applications for anti-COL4A4 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human Collagen IV alpha4.
Immunogen Range	541-590
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Collagen IV alpha4 Antibody. The picture on the right is blocked with the synthesized peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of COS7 cells, using Collagen IV alpha4 Antibody. The picture on the right is blocked with the synthesized peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116256356
NCBI GeneID	1286

NCBI Accession #	NP_000083.3
NCBI GenBank Nucleotide #	NM_000092.4
UniProt Accession #	P53420 ; Q53RW9 ; Q53S42 ; Q53WR1 ; A8MTZ1
Molecular Weight	163 kDa
NCBI Official Full Name	collagen alpha-4(IV) chain
NCBI Official Synonym Full Names	collagen type IV alpha 4 chain
NCBI Official Symbol	COL4A4
NCBI Official Synonym Symbols	CA44
NCBI Protein Information	collagen alpha-4(IV) chain
UniProt Protein Name	Collagen alpha-4(IV) chain
UniProt Gene Name	COL4A4

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-iv-alpha4-antibody-immunofluorescence-immunohistochemistry-elisa/317701>