

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

Collagen IV alpha4 Antibody

CATALOG # AAA109701	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry
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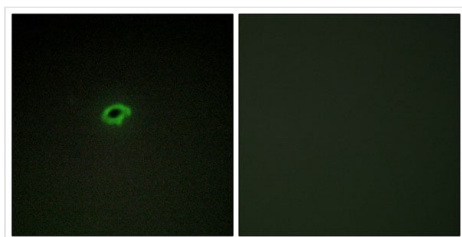
PRODUCT SYNONYMS

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

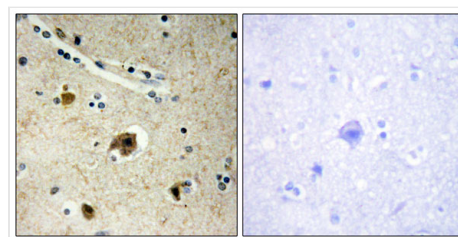
PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Collagen IV alpha4 antibody detects endogenous levels of total Collagen IV alpha4 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1690
Applicable Applications for anti-COL4A4 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human Collagen IV alpha4.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of COS-7 cells, using Collagen IV α4 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Collagen IV alpha4 antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-COL4A4 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells
References	Leinonen A., J. Biol. Chem. 269:26172-26177(1994). Boye E., Am. J. Hum. Genet. 63:1329-1340(1998). Hillier L.W., Nature 434:724-731(2005).

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	164,038 Da
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/col4a4-human-antibody/collagen-iv-alpha4/109701>