

anti-Human, Mouse Collagen IV alpha2 Antibody | anti-CO4A2 antibody

Collagen IV alpha2 Antibody

CATALOG # AAA109589	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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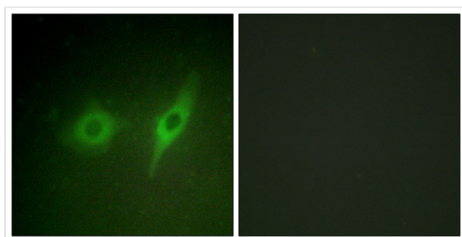
PRODUCT SYNONYMS

Collagen IV alpha2; Collagen IV alpha2 Antibody; Collagen alpha-2(IV) chain; alpha 2 type IV collagen; canstatin; collagen type IV alpha 2; anti-CO4A2 antibody

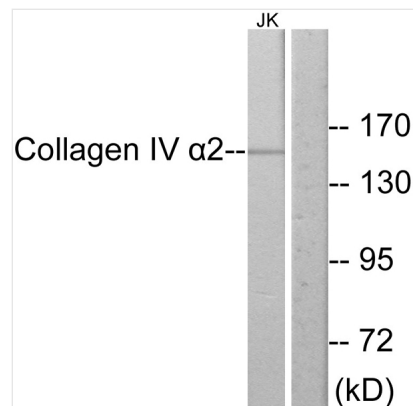
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	Collagen IV alpha2 antibody detects endogenous levels of total Collagen IV alpha2 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	1712
Applicable Applications for anti-CO4A2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from internal of human Collagen IV alpha2.
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES

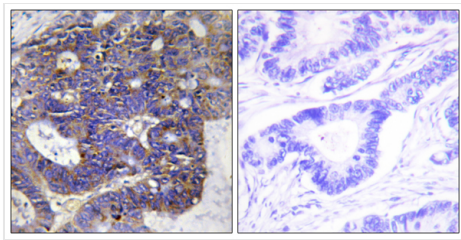


Application Data
Peptide+



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Collagen IV alpha2 antibody. Western blot analysis of extracts from Jurkat cells, using Collagen IV alpha2 antibody.



Application Data
Peptide+

ADDITIONAL INFORMATION

Product Categories/Family for anti-CO4A2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Dunham A., Nature 428:522-528(2004). Fischer G., Biochem. J. 292:687-695(1993). Kamphaus G.D., J. Biol. Chem. 275:1209-1215(2000).

NCBI AND UNIPROT INFORMATION

NCBI GI #	116256354
NCBI GeneID	1284
NCBI Accession #	NP_001837.2
NCBI GenBank Nucleotide #	NM_001846.3
UniProt Accession #	P08572; Q14052; Q548C3; Q5VZA9; Q66K23
Molecular Weight	167,553 Da
NCBI Official Full Name	collagen alpha-2(IV) chain preproprotein
NCBI Official Synonym Full Names	collagen type IV alpha 2 chain
NCBI Official Symbol	COL4A2
NCBI Official Synonym Symbols	ICH; POREN2
NCBI Protein Information	collagen alpha-2(IV) chain
UniProt Protein Name	Collagen alpha-2(IV) chain
UniProt Gene Name	COL4A2

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/co4a2-human-mouse-antibody/collagen-iv-alpha2/109589>