

Rabbit Collagen Type IV Alpha 1 (COL4a1) Polyclonal Antibody | anti-COL4a1 antibody

Polyclonal Antibody to Collagen Type IV Alpha 1 (COL4a1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133725	Rabbit	Human, Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Collagen Type IV Alpha 1 (COL4a1); Polyclonal Antibody; Polyclonal Antibody to Collagen Type IV Alpha 1 (COL4a1); anti-COL4a1 antibody

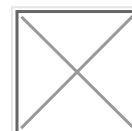
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against COL4a1. It has been selected for its ability to recognize COL4a1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and its sequence is listed below. MHHH HHHSSGLVPR GSGMKETAAA KFERQHMDSP DLGTDGDDKA MADIGSEF-H GFLVTRHSQT IDDPQCPSGT KILYHGYSL YVQGNRAHG QDLGTAGSCL RKFTMPFLF CNINNVCFNA SRNDYSYWLS TPEPMPMSMA PITGENIRPF ISRCVCEAP AMVMAVHSQT IQIPPCPSGW SSLWIGYSFV MHTSAGAECS GQALASPGSC LEEFRSAPFI ECHGRGTCNY YANAYSFWLA TIERSEMFKK PTPSTLKAGE LRTHVSRQCV CMRRT
Applicable Applications for anti-COL4a1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant COL4a1 (His1444~Thr1669) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Thyroid Cancer Tissue.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Cancer Tissue.



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Human Stomach Tissue.



IHC (Immunohistochemistry)

DAB staining on IHC-P; Samples: Human Breast Cancer Tissue



WB (Western Blot)

Western Blot; Sample: Recombinant COL4a1, Human.

NCBI AND UNIPROT INFORMATION

NCBI GI #	734520332
NCBI GeneID	1282
NCBI Accession #	NP_001290039.1
NCBI GenBank Nucleotide #	NM_001303110.1
UniProt Accession #	P02462; Q1P9S9; Q5VWF6; Q86X41; Q8NF88; Q9NYC5; A7E2W4; B1AM70
Molecular Weight	127,981 Da
NCBI Official Full Name	collagen alpha-1(IV) chain isoform 2
NCBI Official Synonym Full Names	collagen type IV alpha 1 chain
NCBI Official Symbol	COL4A1
NCBI Official Synonym Symbols	BSVD; RATOR
NCBI Protein Information	collagen alpha-1(IV) chain
UniProt Protein Name	Collagen alpha-1(IV) chain
UniProt Gene Name	COL4A1

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-type-iv-alpha-1-col4a1-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/133725>