

Rabbit Collagen Type IV Alpha 5 (COL4a5) Polyclonal Antibody | anti-COL4a5 antibody

Polyclonal Antibody to Collagen Type IV Alpha 5 (COL4a5)

CATALOG # AAA132884	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Pig	APPLICATIONS Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry
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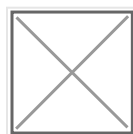
PRODUCT SYNONYMS

Collagen Type IV Alpha 5 (COL4a5); Polyclonal Antibody; Polyclonal Antibody to Collagen Type IV Alpha 5 (COL4a5); anti-COL4a5 antibody

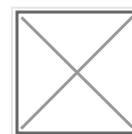
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against COL4a5. It has been selected for its ability to recognize COL4a5 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 are listed below. MHHH HHHSSGLVPR GSGMKETAAA KFERQHMDSP DLGTDGDDKA MADIGSEF-G FLITRHSQTT DAPQCPQGT LQVYEGFSLLY VQGNKRAHGQ DLGTAGSCLR RFSTMPFMFC NINNVCFAS RNDYSYWLST PEPMPMSMQP LKGQSIQPF SRCACEAPA VVIHVHSQTI QIPHCPCGWD SLWIGYSFMM HTSAGAEESG QALASPGSCL EEFRSAPFIE CHGRGTCNYY ANSYSFWLAT VDVSDMFSSK QSETLKAGDL RTRISRCQVC MKRT
Sequence Length	20
Applicable Applications for anti-COL4a5 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant COL4a5 (Gly1461~Thr1685) expressed in E.coli.
Cross Reactivity	Human, Mouse, Pig
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 Kidney Tissue



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded kidney tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Mouse Cerebrum lysate; Primary Ab: 3ug/ml Rabbit Anti-Human COL4a5 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

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 chain
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

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-5-col4a5-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/132884>