Rabbit anti-Human Collagen Type IV Alpha 4 Polyclonal Antibody | anti-COL4a4 antibody

Collagen Type IV Alpha 4 (COL4a4) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21020	**Rabbit**	**Human**	**Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation**

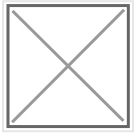
PRODUCT SYNONYMS

Collagen Type IV Alpha 4; Polyclonal Antibody; Collagen Type IV Alpha 4 (COL4a4) Polyclonal Antibody; COL4-A4; CA44; Collagen Alpha-4(IV)chain; Collagen Of Basement Membrane; Alpha-4 Chain; anti-COL4a4 antibody

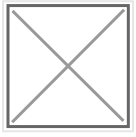
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Supplied as solution form in 0.01M PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Concentration	0.45mg/ml (varies by lot)
Applicable Applications for anti-COL4a4 antibody	WB (Westen Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	Western blotting: 0.5-2ug/mL; Immunohistochemistry: 5-20ug/mL; Immunocytochemistry: 5-20ug/mL; Optimal working dilutions must be determined by end user.
Source	Polyclonal antibody preparation
Traits	Liquid
Immunogen	Recombinant COL4a4 (Val1469~Ser1690) expressed in E.coli .
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. **Stability Test:** thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

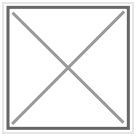
IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P;Samples: Human Kidney Tissue;Primary Ab: 10ug/ml Rabbit Anti-Human COL4a4 AntibodySecond Ab: 2ug/mL HRPLinked Caprine Anti-Rabbit IgG Polyclonal Antibody(Catalog:



WB (Western Blot)
Western Blot; Sample: Lane 1: 293T cell lysate; Lane 2: Hela cell lysatePrimary Ab: 2ug/ml Rabbit Anti-Human COL4a4 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody(Catalog:



WB (Western Blot)
Figure. Western Blot;Sample: Recombinant COL4a4, Human.

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
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-type-iv-alpha-4-antibody-westen-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/21020