

**COL4A6 Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF3003a

**Specification**

**COL4A6 Antibody (internal region) - Product Information**

Application	E
Primary Accession	<a href="#">Q14031</a>
Other Accession	<a href="#">NP_001838.2</a> , <a href="#">NP_378667.1</a> , <a href="#">1288</a>
Predicted Host	Human Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	163807

**COL4A6 Antibody (internal region) - Additional Information**

**Gene ID** 1288

**Other Names**

Collagen alpha-6(IV) chain, COL4A6

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

COL4A6 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**COL4A6 Antibody (internal region) - Protein Information**

**Name** COL4A6

**Function**

Type IV collagen is the major structural

**COL4A6 Antibody (internal region) - Background**

This antibody is expected to recognize both reported isoforms (NP\_001838.2; NP\_378667.1).

**COL4A6 Antibody (internal region) - References**

Structure of the human type IV collagen COL4A6 gene, which is mutated in Alport syndrome-associated leiomyomatosis Zhang X, Zhou J, Reeders ST, Tryggvason K Genomics. 1996 May 33 (3): 473-9. PMID: 8661006

component of glomerular basement membranes (GBM), forming a 'chicken-wire' meshwork together with laminins, proteoglycans and entactin/nidogen.

**Cellular Location**

Secreted, extracellular space, extracellular matrix, basement membrane

**COL4A6 Antibody (internal region) -  
Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)