

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

COL4A6 Antibody (internal region) - Product Information

Application	E
Primary Accession	Q14031
Other Accession	NP_001838.2 , NP_378667.1 , 1288
Predicted	Human
Host	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 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](#)

COL4A6 Antibody (internal region) - Images**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