

Product Datasheet

Collagen III alpha 1/COL3A1 Antibody - Azide and BSA Free NBP1-26547

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP1-26547

Collagen III alpha 1/COL3A1 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.4 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.1 M BBS (pH 8.2)
Target Molecular Weight	139 kDa

Product Description	
Host	Goat
Gene ID	1281
Gene Symbol	COL3A1
Species	Human
Specificity/Sensitivity	Reacts with conformational determinants on human type III collagen as demonstrated by ELISA. May react with type III collagen from other species. Exhibits <10% cross reactivity with collagen type I, II, IV, V and VI. The antibody has not been tested for reactivity with other ECM proteins (e.g., laminin, fibronectin).
Immunogen	This Collagen III alpha 1/COL3A1 Antibody was developed by hyperimmunizing goats with human type III collagen.

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA 1:1000 - 1:4000

Publications

Madison J, Wilhelm K, Meehan DT et al. Glomerular basement membrane deposition of collagen $\alpha 1(\text{III})$ in Alport glomeruli by mesangial filopodia injures podocytes via aberrant signaling through DDR1 and integrin $\alpha 2\beta 1$ The Journal of Pathology 2022-09-01 [PMID: 35607980] (ELISA)

Ke B, Abdurahiman S, Biscu F et al. Intercellular interaction between FAP fibroblasts and CD150 inflammatory monocytes mediates fibro-stenosis in Crohns disease bioRxiv 2023-05-05 (In-vitro, Human)

Serrano E, Whitaker-Menezes D, Lin Z et al. Uremic Myopathy and Mitochondrial Dysfunction in Kidney Disease International journal of molecular sciences 2022-11-04 [PMID: 36362298] (IHC-P, Mouse)





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Products Related to NBP1-26547

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP1-97267	Collagen III alpha 1/COL3A1 Native Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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