

Product Datasheet

Collagen III alpha 1/COL3A1 Antibody [HRP] NB600-594H

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB600-594H

Collagen III alpha 1/COL3A1 Antibody [HRP]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Conjugate	HRP
Purity	Immunogen affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	1281
Gene Symbol	COL3A1
Species	Human, Mouse, Rat, Bovine, Feline, Sheep
Reactivity Notes	This antibody reacts with most mammalian Collagen III alpha 1/COL3A1 and has expected cross-reactivity with Type I and negligible cross reactivity with Type II, IV, V or VI collagens. Use in Sheep reported in scientific literature (PMID:34451177) Mouse reactivity reported in multiple pieces of scientific literature. Rat reactivity reported in scientific literature (PMID: 23370982) Feline reactivity reported in scientific literature (PMID: 33091431)
Specificity/Sensitivity	Some class-specific anti-collagens may be specific for three-dimensional epitopes which may result in diminished reactivity with denatured collagen or formalin-fixed, paraffin embedded tissues. This antibody reacts with most mammalian Collagen III alpha 1/COL3A1 and has expected cross-reactivity with Type I and negligible cross reactivity with Type II, IV, V or VI collagens. Non-specific cross-reaction of anti-collagen antibodies with other human serum proteins or non-collagen extracellular matrix proteins has not been tested.
Immunogen	Collagen III alpha 1/COL3A1 from human and bovine placenta (Uniprot: P02461)
Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot, Simple Western, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NB600-594H

NBP2-24891H	Rabbit IgG Isotype Control [HRP]
NBP1-97267	Collagen III alpha 1/COL3A1 Native Protein
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
7294-CL-020	Collagen III alpha 1/COL3A1 [Unconjugated]

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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