

# Product Datasheet

## Collagen I alpha 1 Antibody [FITC] NBP1-77458F

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-77458F**

Collagen I alpha 1 Antibody [FITC]

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	0.05% Sodium Azide
Isotype	IgG
Conjugate	FITC
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	1277
Gene Symbol	COL1A1
Species	Human, Mouse
Reactivity Notes	Immunogen's sequence similarity with other species: Rat (88%), Chicken (75%)
Immunogen	This Collagen I alpha 1 antibody was raised against a synthetic peptide made to the C-terminal portion of the human Collagen I protein (between residues 1300-1350) [UniProt P02452]
Notes	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Western Blot (Negative)
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Western Blot (Negative)
Application Notes	Optimal dilution of this antibody should be experimentally determined.

**Publications**

Ming Yang, Xiaoqiang Qi, Nan Li, Jussuf T. Kaifi, Shiyu Chen, Andrew A. Wheeler, Eric T. Kimchi, Aaron C. Ericsson, R. Scott Rector, Kevin F. Staveley-O'Carroll, Guangfu Li Western diet contributes to the pathogenesis of non-alcoholic steatohepatitis in male mice via remodeling gut microbiota and increasing production of 2-oleoylglycerol Nature Communications 2023-01-16 [PMID: 36646715]





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### **Products Related to NBP1-77458F**

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NBP2-24892	Rabbit IgG Isotype Control [FITC]
NBP1-77458PEP	Collagen I alpha 1 Antibody Blocking Peptide
7754-BH-005/CF	TGF-beta 1 [Unconjugated]
DY6220-05	Collagen I alpha 1 [Biotin]

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### **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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